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HOMESTEAD AFB FLORIDA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... SEP 84

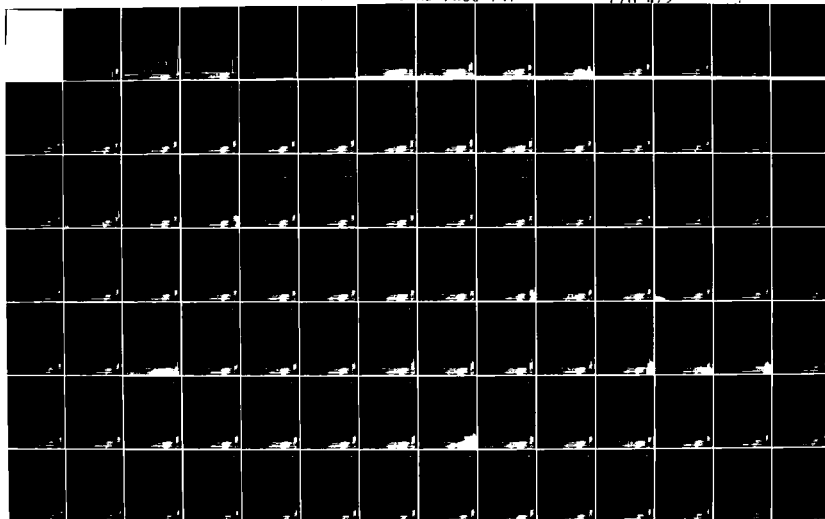
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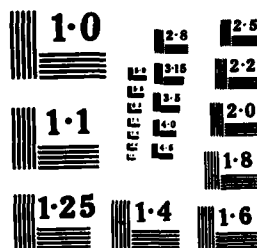
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

HOMESTEAD AFB FL MSC #722026
N 25 29 W 080 23 ELEV 7 FT HST

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: APR 74 - MAR 84
SUMMARY OF DAY DATA: FEB 43 - SEP 44, JUN 56 - MAR 84

TIME CONVERSION GMT TO LST: -5

28 SEP 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS- 84/052.	2 GOVT ACCESSION NO. ALAN 7303	3 RECIPIENT'S CATALOG NUMBER															
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HOMESTEAD AFB, FLORIDA		5 TYPE OF REPORT & PERIOD COVERED Final rept.															
7 AUTHOR(s)		6 PERFORMING ORG REPORT NUMBER															
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8 CONTRACT OR GRANT NUMBER(s)															
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12 REPORT DATE SEP 84															
		13 NUMBER OF PAGES p. 320															
		15 SECURITY CLASS (of this report) UNCLASSIFIED															
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16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for HOMESTEAD AFB, FLORIDA</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*

*FLORIDA

*

*HOMESTEAD AFB

*

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OLA standard products.

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DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations. The manner of presentation, tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Army, Navy, Air Force, and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:
0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

January _____

February _____

March _____

April _____

May _____

June _____

July _____

August _____

September _____

October _____

November _____

December _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
722026	HOMESTEAD AFB FLORIDA	N 25 29	W080 23	7	HST	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARR.	
1	Homestead AAF Florida	AAF	Feb 43	Sep 44	N 25 29	W 080 23	7	9 ft	24
2	Same	Same	May 45	Nov 45	Same	Same	Same	Same	24
3	Homestead AFB Florida	AFB	Jun 56	Feb 63	Same	Same	Same	10 ft	24
4	Same	Same	Mar 63	Dec 70	Same	Same	Same	10.5 ft	24
5	Same	Same	Jan 71	May 81	Same	Same	Same	Same	24
6	Same	Same	Jun 81	Apr 84	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 43	Located on center of S leanto of S hangar	Anemometer	None	54 ft	
2	Jun 56	Located 1800 ft SSE of weather station and 800 ft N of long rnwy	AN/GMQ-11	RO-2	17 ft	
3	Jul 57	Located 200 yards S of station, next to rnwy	Same	Same	10 ft	
4	Mar 58	Located 1800 ft SSE of weather station and 800 ft N of long rnwy	Same	Same	17 ft	
5	Mar 61	Located 1800 ft SE of weather station, 800 ft NW of centerline of rnwy and 3000 ft from end of rnwy 05.	Same	Same	Same	

USAFETAC

FORM NOV 73

0-19 (OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 62	Located 1800 ft SE of weather station, 800 ft NW of centerline of rnwy and 4000 ft from end of rnwy 05.	Same	Same	Same	
7	Mar 63	Located 3000 ft SW of weather observation bldg onrnwy 05/23, 500 ft NW of centerline.	Same	Same	Same	
8	Oct 66	1. Rnwy 05; 500 ft NW of centerline & 1500 ft NE of end of rnwy.	Same	Same	15 ft	
		2. Rnwy 23; 500 ft NW of centerline & 1500 ft SW of end of rnwy.	Same		Same	
9	Mar 68	1. Located 800 ft NW of rnwy centerline, 3000 ft NE of rnwy 05.	Same	Same	13 ft	
		2. Located 500 ft NW of rnwy centerline, 1500 ft SW of rnwy 23.	Same		Same	
10	Mar 69	1. Same	AN/GM-11/20	Same	15 ft	
		2. Same	Same		Same	
11	Mar 70	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
12	Feb 72	1. 500 ft NW of rnwy, centerline, 800 ft down rnwy 05.	T755	RO-362	13 ft	(1) Wind transmitters are 13 feet above surface of runway. (2) Nomenclature for system is AN/GM-20.
		2. 500 ft NW of rnwy centerline, 1200 ft down rnwy 23.				

U S AIR FORCE
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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAC

WEATHER CONDITIONS

14 26
STATION

HOMESTEAD AFB FL
STATION NAME

75-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	THUNDER	TOTAL NO. OF OBS.
JAN	0-23	.5	1.8				1.9	7.5	3.5			12.5	937
	3-25	.3	2.3				2.3	15.6	3.2			17.3	937
	6-28	.4	3.8				3.8	23.3	12.7			28.6	937
	9-31	.3	3.9				3.9	9.1	22.8			28.2	937
	12-14	.2	3.5				3.5	1.8	11.4			12.9	937
	15-17	.2	3.2				3.2	1.7	6.1			7.6	937
	18-21	.2	4.6				1.6	.9	5.4			5.8	937
	21-23	.5	2.4				2.4	2.6	5.1			6.9	937
TOTALS		.4	2.8				2.8	7.8	8.8			19.7	7997

CENTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

STATION HOMESTEAD AFB FL 75-84 YEARS FEB
STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	1-12	.1	5.1				5.1	6.9	4.1			9.9	849
	13-24		3.9				3.9	13.2	5.6			16.8	949
	25-11	.1	5.2				5.2	23.6	13.4			31.3	849
	12-21	.1	5.7				5.7	9.0	23.9			31.1	849
	22-14	.2	6.1				6.0	2.6	9.1		.2	11.5	849
	15-17	.5	7.3				7.3	3.5	5.2			8.0	849
	18-21	.4	7.2				7.2	4.2	5.3			9.1	849
	22-23	.1	5.7				5.7	4.4	3.7			7.3	849
TOTALS		.2	5.8				5.8	8.4	8.8		.2	15.6	6792

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION

HOMESTEAD AFB FL
STATION NAME

75-84

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	1-24	.2	1.1				3.1	5.6	4.9			9.5	930
	25-31	.2	2.6				2.6	12.3	5.1			16.2	937
	APR	.1	2.4				2.4	18.0	15.1			27.1	937
	5-14	.1	2.1				2.0	3.5	13.9			21.4	930
	15-19	.4	3.5				3.5	1.7	9.4		.1	11.1	930
	20-27	.2	3.4				3.4	1.7	4.6		.2	6.2	932
	28-30	.5	4.2				2.2	1.6	4.1			5.7	928
	MAY-23	.2	1.9				1.9	1.8	3.2			5.6	927
TOTALS		.1	2.6				2.6	5.8	8.4		.1	12.8	7935

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION HONFSTEAD AFB FL 74-83 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-01		1.3				1.2	3.0	3.1			5.7	900
	02-03	.3	2.8				2.8	4.3	3.8			6.9	900
	04-05	.6	2.9				2.6	9.7	14.7			21.1	900
	06-07	.4	3.2				3.2	1.6	14.7			15.4	900
	08-09	1.1	4.4				4.4	.4	8.4			8.9	900
	10-11	1.6	3.9				3.9	1.1	5.7			6.7	900
	12-13	1.1	2.7				2.7	1.3	4.3			5.4	900
	14-15	.8	2.2				2.2	1.8	2.2			3.9	900
	16-17												
	18-19												
	20-21												
	22-23												
TOTALS		.7	2.9				2.9	2.8	7.1			9.3	7200

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION

HOMESTEAD AFB FL
 STATION NAME

74-83

YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	1-24	1.3	3.1				3.1	1.8	3.5			4.9	937
	2-25	1.3	3.5				3.5	3.8	4.3			7.6	939
	26-31	1.3	4.5				4.5	6.7	14.8			18.4	932
	1-31	1.3	4.0				4.6	1.5	13.7			14.9	937
	1-14	5.5	6.2				6.2	1.0	10.5			11.5	937
	15-17	5.6	8.1			.1	6.1	.9	5.4			6.1	930
	18-21	2.9	5.8				5.8	1.5	4.5			5.7	930
	22-23	1.4	3.9				3.9	1.1	2.5			3.5	937
TOTALS		2.6	5.1			.2	5.1	2.3	1.4			9.6	7440

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

WEATHER CONDITIONS

2726
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	07-08	0.8	4.1				4.4	0.3	2.8			3.1	900
	09-10	1.4	5.4				5.2	1.4	3.6			4.9	900
	11-12	1.1	5.9				5.9	3.0	9.4			11.6	900
	13-14	3.6	7.7				7.7	1.0	11.0			11.8	900
	15-16	2.3	9.9				9.9	1.1	9.2			10.3	900
	17-18	8.1	9.8				9.8	0.7	5.7			6.3	900
	19-20	3.7	6.8				6.8	0.7	3.3			4.0	900
	21-23	1.4	5.1				5.1	0.8	2.3			3.1	900
TOTALS		3.6	6.8				6.8	1.1	5.9			6.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/HAC

WEATHER CONDITIONS

STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	1-7	2.8	3.4				3.4	.2	1.9			2.2	930
	8-14	2.8	2.6				2.6	.3	3.1			3.2	930
	15-21	2.5	3.8				3.8	.4	7.4			7.6	932
	22-28	3.3	4.5				4.5		9.6			9.6	930
	29-31	8.0	7.6				7.6		7.4			7.4	930
	1-7	7.1	6.1				6.1		4.6			4.6	932
	8-14	3.8	3.9				3.9	.1	3.9			4.0	932
	15-21	1.5	3.3				3.3	.1	3.1			3.1	932
	22-28												
	29-31												
TOTALS		3.9	4.4				4.4	.1	5.1			5.2	7443

U.S. AIR FORCE
USAFETAC
ATMOSPHERIC SERVICE/MAC

WEATHER CONDITIONS

STATION MCMESTEAD AFB FI 74-93 YEARS AUG
STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	1-12	1.2	3.3				3.3	.3	1.1			1.3	930
	13-24	2.5	4.2				4.9	1.1	2.0			3.0	930
	01-08	3.8	6.2				6.9	2.8	5.4			7.3	930
	09-16	4.3	7.3				7.3	.4	9.1			9.5	930
	17-24	7.7	5.9				5.9	.8	7.4			8.0	930
	25-31	7.7	8.7				9.7	1.2	5.1			6.0	930
	01-08	5.3	5.3				5.3	.4	3.7			4.1	930
	09-16	2.7	2.6				2.6	.3	1.4			2.3	930
TOTALS		4.5	5.6				5.6	.9	4.5			5.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

02026
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	3.2	5.8				5.8	.9	2.9			3.3	9.0
	03-05	2.2	4.7				4.7	2.2	3.4			4.6	9.3
	06-08	2.3	4.6				4.6	3.8	5.9			8.3	900
	09-11	2.7	4.9				4.9	.1	5.9			5.9	907
	12-14	8.4	9.7				9.7	.6	5.0			5.4	900
	15-17	7.9	9.8				9.8	.8	2.9			3.7	900
	18-20	4.6	5.7				5.7	.8	3.4			4.2	900
	21-23	2.3	4.8				4.8	.4	3.0			3.3	900
TOTALS		4.2	6.3				6.3	2.2	4.1			4.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

WEATHER CONDITIONS

172126
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.1	3.9				3.9	2.8	2.8			5.1	930
	03-05	.8	3.9				3.9	6.3	4.4			10.1	930
	06-08	.4	3.8				3.8	12.2	13.5			21.8	930
	09-11	.2	4.8				4.8	2.4	15.6			17.4	930
	12-14	.6	4.1				4.1	1.2	8.8			10.6	930
	15-17	2.2	6.1				6.1	1.2	5.7			6.6	930
	18-20	1.1	5.7				5.7	1.2	4.8			5.8	930
	21-23	.6	3.7				3.7	2.0	3.0			4.5	930
TOTALS		.9	4.5				4.5	3.7	7.3			10.2	7440

GLOBAL CLIMATOLOGY BRANCH
HRA/PETAC
ATC WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-01		3.8				3.8	5.6	1.0			8.1	900
	03-05	.2	4.0				4.0	11.0	3.8			13.9	900
	06-08	.2	4.0				4.0	16.1	9.4			22.7	900
	09-11	.1	2.6				2.6	4.2	13.2			16.3	900
	12-14	.2	4.1				4.1	.8	6.6			7.3	900
	15-17	.3	5.1				5.0	.8	2.7			3.4	900
	18-20	.1	5.2			.1	5.2	.8	3.6			4.3	900
	21-23	.6	4.7				4.7	1.2	3.4			4.7	900
TOTALS		.2	4.2			.0	4.2	5.1	5.7			10.1	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-23	.2	2.7				2.7	4.3	2.3			6.1	930
	03-05	.3	2.9				2.9	9.7	2.8			11.4	930
	06-08	.3	2.5				2.5	14.7	11.1			22.4	930
	09-11		1.7				1.7	4.3	14.9		.1	18.3	930
	12-14	.1	3.2				3.2	1.2	4.9			6.0	930
	15-17	.3	4.2				4.2	1.9	2.7			4.3	930
	18-20		2.4				2.4	1.9	3.7			5.1	930
	21-23	.2	1.9				1.9	2.6	3.3			5.6	930
TOTALS		.2	2.7				2.7	5.2	5.7		.0	9.9	7440

WEATHER CONDITIONS

ALL
MONTH

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	811	.3	2.2				2.8	7.4	2.8			12.7	744
FEB		.2	5.8				5.8	8.4	8.8		.0	15.6	6792
MAR		.3	2.6				2.6	5.8	8.4		.0	12.8	7435
APR		.7	2.9				2.9	2.8	7.1			9.3	7220
MAY		2.6	5.1			.0	5.1	2.3	7.4			9.1	7440
JUN		3.6	6.8				6.8	1.1	5.9			6.9	7200
JUL		3.9	4.4				4.4	.1	5.1			5.2	7440
AUG		4.5	5.6				5.6	.9	4.5			5.2	7440
SEP		4.2	6.3				6.3	1.2	4.1			4.8	7200
OCT		.9	4.5				4.5	3.7	7.3			10.2	7440
NOV		.0	4.2			.0	4.2	5.1	5.7			10.1	7200
DEC		.2	2.7				2.7	5.1	5.7		.0	9.9	7440
TOTALS		1.8	4.5			.0	4.5	3.7	6.6		.0	9.5	87667

USAFETAC FORM 0-10-5 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{3}{8}$ mile.

☐ CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AFM WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXX
 XX WEATHER CONDITIONS XX
 XXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

100246 HOMESTEAD AFB FL

56-84

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.9	34.6				34.6	34.8	39.6			50.2	866
FEB		4.6	37.3				37.3	33.0	39.9			51.1	791
MAR		5.8	30.0			.2	30.0	24.1	29.0			38.1	868
APR		8.0	28.6			.2	28.6	17.8	28.1			34.6	810
MAY		26.0	49.2			.2	49.2	12.4	22.8			27.8	837
JUN		47.1	66.2				66.2	8.7	14.8			18.8	826
JUL		44.5	64.6				64.6	2.6	10.4			11.9	868
AUG		53.0	68.1			.1	68.1	4.6	9.6			11.8	868
SEP		46.2	73.1				73.1	9.0	13.5			18.6	840
OCT		17.4	56.2				56.2	20.5	24.3			32.3	868
NOV		4.3	41.1			.1	41.1	28.8	26.4			39.6	840
DEC		2.9	34.7				34.7	25.0	32.6			40.9	868
TOTALS		22.2	48.6			.1	48.6	18.4	24.3			31.3	10150

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

722726 HOMESTEAD AFB FL

43-44, 56-84

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-03	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-304	OVER 304						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	54.4	14.0	2.6	5.7	3.7	4.7	2.2	1.7	1.2	.3				21.6	899	1.98	7.87	.11	
FEB	63.8	14.1	2.7	4.7	2.7	4.8	2.6	3.7	1.7					22.2	848	2.11	6.69	TRACE	
MAR	69.1	13.3	1.4	4.1	2.5	3.1	2.9	1.5	1.8	.1	.1			17.5	930	2.14	11.43	.17	
APR	71.0	13.6	1.3	2.8	1.7	2.9	2.7	2.2	2.2	.3	.1			15.4	870	2.45	9.29	.05	
MAY	47.4	17.1	1.7	5.3	3.4	6.9	4.4	4.4	5.7	1.2	.4			33.6	899	6.87	23.32	.08	
JUN	33.9	14.9	2.5	7.6	5.7	9.2	8.6	8.5	7.2	2.6	.1			51.2	887	9.75	27.65	2.28	
JUL	34.0	17.4	2.5	8.3	5.5	10.6	9.2	5.8	6.0	.6				48.6	930	6.61	13.71	1.65	
AUG	10.6	16.3	3.3	9.9	6.2	11.9	8.1	6.3	6.2	1.7				53.0	930	6.99	17.79	1.89	
SEP	25.7	15.4	4.2	11.8	5.9	10.3	10.0	9.6	5.3	1.4	.3			58.9	970	8.72	23.53	2.24	
OCT	43.4	14.8	3.2	5.6	5.5	8.1	7.7	6.5	4.6	1.2	.2			41.8	899	6.83	14.27	.52	
NOV	57.7	17.1	3.4	5.2	4.1	3.4	3.4	3.4	1.5	.5	.1			75.2	870	2.81	11.05	.07	
DEC	55.0	15.4	3.2	5.8	2.2	3.1	2.9	1.1	1.2	.1				19.7	899	1.55	3.75	.15	
ANNUAL	57.7	15.3	2.6	6.4	4.7	6.6	5.3	4.6	3.7	.8	.1			34.1	10761	58.81			

CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION NAME WEST PALM BEACH, FL

43-44, 56-84

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		.45	.68	.10	1.30	4.17	3.61	2.13	1.21	4.70	1.22	.10	
44	.98	.3	.11	.14	1.34	1.51	2.15	.63	1.30				
45						1.77	2.54	1.50	2.86	1.68	.44	.45	
46	.35	2.41	.44	1.76	.91	4.39	2.19	3.00	1.80	1.78	.60	2.76	4.39
47	.11	.70	1.78	.23	6.3	1.74	1.82	.83	.87	2.01	.66	1.05	6.30
48	.12	.31	1.01	.33	2.42	3.27	1.02	2.12	2.96	4.23	2.64	.81	4.23
49	.75	.41	.39	1.62	.15	1.61	1.86	1.64	8.66	3.41	.72	.78	8.66
50	4.48	.25	.58	.2	3.77	2.38	.65	.72	.85	2.28	.35	.78	4.48
51	.93	.95	7.38	.67	1.49	4.29	1.49	1.29	1.52	.15	3.95	.33	7.38
52	.39	2.28	.32	.26	2.89	1.72	.87	1.05	3.38	1.87	.62	1.91	3.72
53	.31	.91	.50	3.88	.59	2.66	3.25	2.57	1.49	2.15	1.01	1.60	3.88
54	.30	.48	.45	.11	.74	1.16	1.23	.63	8.33	3.74	.75	.9	8.33
55	1.72	.61	2.02	1.50	1.01	3.81	1.72	1.05	1.08	2.87	.84	.33	3.81
56	.92	.62	1.27	.5	.55	1.30	1.75	1.14	2.02	6.21	.87	.85	6.21
57	.97	.75	.32	1.14	4.22	2.73	.87	1.32	4.25	5.75	.62	.17	8.20
58	1.19	1.81	2.12	2.19	2.08	3.16	1.95	1.40	2.58	3.12	.42	.97	3.32
59	.95	.81	1.83	.15	3.11	6.73	1.46	1.54	.80	1.59	.06	.14	6.03
60	.74	.84	.09	.5	1.23	1.97	1.68	1.45	1.83	1.47	2.1	1.44	2.01
61	.34	1.09	1.02	2.36	2.74	2.38	2.21	1.77	1.65	1.4	1.50	.74	2.74
62	1.21	.70	.89	.16	1.53	1.44	1.20	1.48	.95	.95	.29	2.20	2.20
63	1.04	TRAC	.49	1.11	1.81	1.95	3.71	.64	1.84	.79	4.70	.18	4.00
64	.44	1.02	.13	.14	2.55	2.92	2.70	1.82	.93	.49	.33	1.63	2.92
65	.74	1.03	.16	1.92	4.12	2.78	1.90	3.65	2.16	1.78	1.89	.38	4.12
66	.41	1.00	1.3	.44	6.15	1.92	2.22	2.64	2.41	2.13	2.16	.43	6.15
67	1.40	1.48	1.62	1.72	2.71	3.51	.87	2.38	.89	1.97	.95	1.17	3.51
68	.24	.58	.29	5.36	2.77	1.16	1.92	1.47	4.52	.90	.41	2.41	5.36
69	2.33	.67	1.77	1.83	.95	2.95	1.47	3.88	2.95	2.09	3.29	1.01	3.88
70	.70	.61	.18	.18	.72	.76	.62	4.45	6.78	.90	2.23	.87	6.78
71	.72	1.47	.72	3.32	1.09	4.73	1.65	1.08	2.97	.70	5.54	1.27	5.54
72	1.74	1.81	1.68	2.47	1.25	1.61	2.42	1.67	4.54	1.17	1.25	.66	4.54
MEAN													
SD													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-60-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

722024 - MESTEAD AFB FL
STATION STATION NAME

43-44, 56-84
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1	.7	.14	2.76										
2													
3													
4													
5													
6													
7													
8													
9													
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11													
12													
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88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	.97	.933	1.160	1.226	2.470	2.798	1.837	1.765	2.682	2.172	1.434	.973	4.919
S.D.	.587	.637	1.388	1.336	1.989	1.217	.733	.973	2.097	1.441	1.334	.746	1.855
TOTAL OBS.	809	848	937	877	899	887	937	930	970	899	870	899	10761

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

EXTREME VALUES MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION 172724 HONTSDEAD AFB FL
STATION NAME

43-84, 56-89 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		.57	1.57	.13	4.45	7.78	12.48	11.92	7.09	12.92	3.42	.45	
44	1.06	.53	.97	.15	3.63	2.76	11.98	2.51	4.65				
45						2.29	3.91	3.73	8.24	5.49	.53	.61	
46	.15	5.77	.95	3.58	2.55	8.79	.23	13.65	4.63	5.51	.95	3.55	56.45
47	6.55	1.04	5.21	.53	15.64	5.35	7.75	3.37	2.97	6.19	2.61	3.75	60.97
48	.23	.65	4.67	.36	11.65	12.65	17.05	4.52	9.94	13.12	4.54	1.36	77.38
49	.11	1.16	.49	7.28	12.48	7.34	6.15	8.48	23.53	14.72	1.77	.23	93.10
50	7.76	.54	1.71	.5	9.51	5.37	1.65	1.89	7.24	3.49	.60	.15	34.28
51	1.45	1.21	11.43	1.49	2.35	13.36	6.72	4.54	9.1	.52	4.76	.42	55.94
52	.75	4.83	.43	.42	8.97	11.70	2.81	3.60	11.84	5.86	1.52	3.47	56.13
53	.33	1.05	.51	5.59	1.83	8.37	7.57	9.11	6.87	8.12	1.69	3.18	54.98
54	.49	2.57	.67	.13	.74	7.34	3.64	2.33	15.14	14.27	1.89	.19	49.94
55	4.71	1.23	4.49	2.36	6.74	15.04	8.85	5.19	7.01	7.75	1.44	1.73	68.33
56	1.11	1.34	2.77	.14	1.29	17.15	5.37	5.79	6.57	11.69	1.16	1.09	55.47
57	1.77	2.35	.45	1.72	23.32	14.86	3.89	7.49	17.41	13.57	1.79	.21	47.52
58	3.29	1.27	3.98	6.46	7.02	20.65	6.65	5.71	17.13	12.06	.93	1.19	83.54
59	7.17	1.75	2.33	.23	8.77	13.11	5.17	4.58	5.46	7.75	.07	.30	51.82
60	.40	1.8	.17	.05	3.91	7.11	7.72	6.58	8.64	5.71	4.63	3.46	49.23
61	.75	1.97	4.38	5.85	7.83	7.32	8.78	6.53	7.46	5.51	3.19	1.51	61.71
62	1.64	2.74	1.52	.13	3.36	6.15	7.71	13.09	5.70	3.90	.65	2.73	48.82
63	1.54	TRACE	.49	2.44	7.12	6.11	13.71	2.78	5.66	7.71	5.11	.27	47.74
64	.62	2.22	.13	.16	5.98	10.13	10.93	6.24	5.12	2.99	.77	1.87	47.14
65	.41	3.53	.27	2.89	12.37	7.58	5.77	11.75	9.65	2.47	2.82	1.31	61.11
66	1.48	1.54	1.53	1.13	13.24	5.97	6.48	9.65	8.9	2.89	2.74	1.14	55.83
67	7.74	5.01	2.31	2.1	6.68	9.18	4.36	9.63	3.83	8.77	1.89	3.21	61.57
68	1.4	1.20	.37	8.29	7.44	3.96	4.59	4.54	10.91	3.83	.99	2.54	49.54
69	2.73	1.45	1.03	3.51	3.15	14.57	7.45	6.35	4.91	6.72	7.19	1.01	64.03
70	.35	1.05	.37	.27	1.54	3.95	2.70	17.09	18.79	3.38	4.69	.97	54.74
71	.51	3.24	2.63	7.9	3.82	9.80	4.47	6.36	7.80	4.82	11.05	2.24	63.03
72	7.87	6.69	4.77	4.51	2.59	11.70	5.53	10.75	11.79	4.98	3.40	1.72	74.48
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

EXTREME VALUES
 MONTHLY PRECIPITATION

STATION STATION NAME

43-44, 56-84

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

72026 HOMESTEAD AFB FL

56-84

STATION

STATION NAME

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														868	.7	.0	.0
FEB	100.0														791	.7	.0	.0
MAR	100.0														868	.7	.0	.0
APR	100.0														810	.7	.0	.0
MAY	100.0														837	.7	.0	.0
JUN	100.0														836	.7	.0	.0
JUL	100.0														868	.7	.0	.0
AUG	100.0														868	.7	.0	.0
SEP	100.0														840	.7	.0	.0
OCT	100.0														868	.7	.0	.0
NOV	100.0														840	.7	.0	.0
DEC	100.0														868	.7	.0	.0
ANNUAL	100.0														17162	.7		

(FROM DAILY OBSERVATIONS)

STATION WRESTAL AFB FL STATION NAME

56-64

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

724226 - GMS7EAD AFB FL
STATION STATION NAME

56-34

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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NOTE: • BASED ON LESS THAN FULL MONTHS

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

722726 HONFSTEAD AFB FL

43-44, 56-84

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-30	31-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-34	35-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														899			
FEB	100.0														848			
MAR	100.0														930			
APR	100.0														870			
MAY	100.0														899			
JUN	100.0														896			
JUL	100.0														930			
AUG	100.0														930			
SEP	100.0														900			
OCT	100.0														899			
NOV	100.0														870			
DEC	100.0														899			
ANNUAL	100.0														10770			

USAF ETAC FORM 0-85-5 (OLA)

USAF STAC FORM 9-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VREL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

(FROM DAILY OBSERVATIONS)

STATION WINDSTEAR AFB FL STATION NAME

56-24

YEARS

DAILY PEAK ELSTS IN KNOTS

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 027.6 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MONTH JAN
ALL WEATHER CLASS 000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	6.1	5.1	1.9								18.0	6.0
NNE	.5	.4	.7									.9	4.6
NE	.1	.3	.3									.6	6.0
ENE	.1	1.1	1.7	.8								4.5	7.1
E	.2	2.9	2.9	.5	.2	.1						7.5	7.1
ESE	.9	3.2	1.2	.3								5.6	5.4
SE	.6	.9	1.5	.2								3.2	6.6
SSE	.7	1.4	.9	.3								2.8	6.4
S	1.1	.8	1.7	.2								3.0	5.6
SSW	.5	.6	.5	.1								1.8	6.0
SW	.5	.1	.7		.1							1.1	5.0
WSW	.7	.4	.1									.9	3.9
W	.4	.6	.1									1.2	4.5
WNW	.4	2.0	.3									3.0	4.6
NW	1.5	2.3	.9	.2								4.7	4.8
NNW	7.1	5.4	2.6	1.3	.5							12.9	6.3
VARBL													
CALM												28.2	
	17.7	28.6	19.4	5.9	.9	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 24726 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MONTH JAN
CLASS ALL WEATHER TIME 0700-0500
COORDINATES 27-09-0500
COORDINATES 27-09-0500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	6.7	7.2	2.5								21.2	6.3
NNE	.3	.6	.1									1.5	3.7
NE	.2	.1	.3									.6	6.0
ENE	.6	1.3	1.1	.3								.2	6.5
E	1.2	2.5	1.4	.3	.2		.1					5.7	6.7
ESE	1.6	2.8	1.2	.2	.1							5.9	5.5
SE	.0	1.9	.9	.3								4.0	5.5
SSE	.2	.9	.6	.4								2.2	6.9
S	1.1	1.3	1.5	.1								4.2	5.6
SSW	.5	.4	.3	.3								1.6	6.5
SW	.7	.1	.1									.5	4.2
WSW	.3	.2	.2	.1								.9	6.0
W	.3	.3		.1								.8	4.7
WNW	.2	1.3	.3									2.5	4.5
NW	1.6	1.5	.3	.1								3.5	4.1
NNW	4.3	5.1	4.1	1.8								15.3	6.0
VARBL													
CALM												26.5	
	19.9	27.2	19.6	6.7	.3		.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122726 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MONTH JAN
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.7	9.4	8.4	1.4								25.8	5.8
NNE	.3	1.2	.7									2.2	4.3
NE	.5	.2	.3									1.1	4.8
ENE	.3	.8	1.7	.2								2.7	6.2
E	1.3	1.8	1.1	.3	.2							4.7	6.0
ESE	1.7	2.0	1.5	.2								4.7	6.0
SE	1.1	.5	1.6	.2								3.4	6.2
SSE	1.7	1.3	.4	.2								3.2	4.7
S	.5	.5	.6	.5								2.3	7.3
SSW	.5	.5	.4	.6								2.2	7.5
SW	.4	.2	.1	.2								1.0	5.9
WSW	.3	.2	.1									.6	4.2
W	.2	.1	.1	.1								.5	6.0
WNW	.4	.4	.7	.1	.1							1.3	6.7
NW	.6	1.6	.8									3.0	5.2
NNW	4.2	4.1	3.0	1.3	.1							13.5	5.8
VARBL													
CALM												27.7	
	20.5	24.9	20.8	5.5	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 22726 HOMESTEAD AFB FL STATION NAME 75-84 YEARS 1975
CLASS ALL WEATHER 900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	7.7	11.9	6.5								28.2	8.2
NNE	2.7	2.4	2.3	.4								7.1	5.8
NE	.7	1.3	.8	.6								3.0	7.0
ENE	.5	.6	1.0	.9	.1							3.1	8.2
E	.4	2.3	4.4	1.6	.3	.1						9.1	8.9
ESE	.3	1.2	2.4	.9	.1							4.7	8.2
SE	.6	1.1	2.7	1.9	.2							6.6	8.8
SSE	.4	.8	3.3	.6								5.2	8.3
S	.3	.8	1.0	1.2	.1							3.9	8.0
SSW	.8	.9	1.3	1.8	.2							4.9	9.8
SW	.2	.5	.6	.2	.1							1.7	7.8
WSW	.2	.3	.1	.6	.1							1.4	9.5
W	.3	.2	.5	.1								1.2	6.5
WNW	.6	.2	.9	.3	.1							2.2	7.1
NW	.5	1.2	1.1	.3								3.1	5.9
NNW	1.0	1.9	3.3	3.0	.3							9.5	8.8
VARBL													
CALM												5.2	
	11.3	23.2	37.5	21.0	1.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22 26 STATION HOMESTEAD AFB FL 75-84 YEARS JAN 1950-1959
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.6	4.9	2.9								1.5	8.8
NNE	.1	.8	.9	.2								1.8	7.3
NE	.2	.9	2.4	2.8	.3							6.5	10.6
ENE	.5	2.7	3.8	2.9								9.9	8.7
E	1.5	5.3	9.6	2.5								18.8	7.7
ESE	.5	1.9	3.1	.1								5.6	7.0
SE	.5	.9	3.3	.5	.1							5.4	7.9
SSE	.2	.9	2.9	1.4								5.4	8.7
S	.1	1.3	3.1	1.3								5.9	8.6
SSW	.1	.6	1.9	1.2								3.9	9.0
SW		.4	1.3	1.7	.3							3.0	10.8
WSW		.3	1.1	.8		.1						2.3	10.2
W	.2	.9	1.4	1.5	.1	.2						4.3	9.9
WNW	.1	.8	1.7	.5	.2							2.6	9.5
NW	.0	1.2	1.6	1.2								4.8	7.7
NNW	.4	2.8	2.7	2.4								8.3	8.8
VARBL													
CALM												1.1	
	5.9	24.0	49.6	23.1	1.1	.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

122006 STATION HOMESTEAD AFB FL 75-84 YEARS JAN 1978
ALL WEATHER CLASS 12.0-18.00 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	7.7	4.4	.1							13.8	9.3
NNE	.8	1.6	2.0	1.2								5.6	7.9
NE	.4	.5	1.5	1.2	.4							4.1	10.1
ENE	.3	1.4	3.7	3.8	.1							8.6	9.8
E	.4	2.8	6.6	4.6	.2							14.6	9.2
ESE	.7	.3	3.1	1.4	.1							5.2	9.3
SE	.3	.9	3.2	1.5	.2							6.1	9.2
SSE	.2	.9	4.7	1.3	.1							6.5	9.3
S	.5	.8	2.4	1.8	.2							5.7	9.6
SSW	.7	.4	1.4	1.9	.1							4.1	10.6
SW	.1	.4	.9	1.5	.3							3.1	11.3
WSW	.3	.1	.5	.5	.1							1.6	9.6
W	.5	.8	1.2	.6	.2							3.3	8.3
WNW	.1	.9	.9	1.1	.3							3.2	10.5
NW	.3	.6	1.8	.9								3.7	8.3
NNW	.5	2.5	3.9	3.1	.1							10.1	8.7
VARBL													
CALM												.8	
	6.1	16.3	43.2	30.9	2.7							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72226 HOMESTEAD AFB FL STATION NAME 75-88 YEARS JAN
CLIM ALL WEATHER 1800-2000
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	6.5	3.8	1.0								13.8	6.4
NNE	.5	1.6	1.5	.1								3.9	6.0
NE	1.5	.8	1.9	.9								4.8	6.6
ENE	2.7	3.1	2.7	.8								8.4	6.0
E	4.5	4.7	3.1	.5								12.9	5.1
ESE	1.8	2.5	.5									4.9	4.2
SE	1.7	1.2	.4									2.9	3.9
SSE	1.7	.9	.3	.3								3.2	4.4
S	2.3	1.7	1.1	.2								5.3	4.7
SSW	.9	1.0	.4									2.3	4.4
SW	.3	1.7	.2	.1								1.6	5.7
WSW	1.0	.8	.4									2.2	4.3
W	1.8	2.5	1.7	.3								6.3	5.8
WNW	.5	.8	1.6	.2	.1							3.2	7.2
NW	1.4	1.3	.9	.4								4.0	5.5
NNW	2.7	3.2	1.7	.2								6.5	4.9
VARBL													
CALM												14.6	
	25.1	33.3	21.7	4.9	.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

222 26 STATION HOMESTEAD AFB FL 75-84 YEARS JAN
ALL WEATHER CLASS 21.0-23.00
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	6.5	4.4	1.3								15.2	5.9
NNE	.9	1.1	.2	.1								2.2	4.5
NE	.9	.8	.3	.2								2.2	5.0
ENE	1.6	1.4	1.4	1.3								5.7	6.8
E	3.2	4.1	4.1	.5	.1	.1						13.9	6.0
ESE	.9	1.9	1.1	.3								4.0	5.5
SE	.9	1.2	1.1									3.0	5.2
SSE	.6	1.1	.2									1.8	4.2
S	.9	.9	1.1	.3								3.0	6.0
SSW	.7	.1	.3	.1								.9	6.0
SW	.3	.1	.1									.5	4.0
WSW	.9	1.2										1.9	3.7
W	2.3	1.7	.9									4.8	4.0
WNW	1.8	1.3	1.1	.1								4.3	4.7
NW	1.1	1.3	1.4	.2	.2							4.1	6.3
NNW	2.9	3.5	1.8	.5	.3							9.1	5.6
VARBL													
CALM												25.4	
	21.9	27.6	19.2	5.1	.6	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22-26 STATION HOMESTEAD AFB FL 75-84 YEAR 1984
STATION NAME ALL WEATHER CLIM
CONDITION
JAN 1984
ALL MONTHS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	5.9	6.6	2.7	.0							18.3	7.0
NNE	.3	1.2	.0	.3								3.1	6.0
NE	.0	.6	1.0	.7	.1							2.9	8.1
ENE	.9	1.5	1.9	1.4	.0							5.7	7.7
E	1.7	3.3	4.1	1.4	.2	.1	.0					10.7	7.2
ESE	.9	2.0	1.7	.4	.0							5.1	6.4
SE	.3	1.1	1.8	.6	.1							4.3	7.2
SSE	.6	1.0	1.5	.6	.0							3.8	7.3
S	.0	1.0	1.5	.7	.0							4.2	7.1
SSW	.5	.6	.8	.8	.0							2.7	8.2
SW	.3	.4	.4	.4	.1							1.6	8.4
WSW	.4	.4	.3	.3	.0	.0						1.5	6.8
W	.8	.9	.7	.3	.0	.0						2.8	6.5
WNW	.6	1.0	.8	.3	.1							2.8	6.8
NW	1.0	1.4	1.1	.4	.0							3.9	6.0
NNW	2.3	3.5	2.9	1.7	.2							10.6	6.7
VARBL													
CALM												16.2	
	16.1	25.6	28.2	12.9	1.0	.1	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 02-026 STATION NAME HOMESTEAD AFB FL YEARS 76-80 FEB 1981
CLASS ALL WEATHER NUMBER (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.1	3.7	.5								11.5	5.5
NNE	.9	.4	.7	.2								2.2	5.5
NE	.1	.1	.9	.1								1.2	8.5
ENE	1.1	.9	.9	.7								3.7	6.8
E	1.8	4.9	4.1	.9	.2							11.9	6.5
ESE	1.4	2.5	1.9	.4								6.1	5.6
SE	.7	1.1	1.5	.2								3.5	6.4
SSE	.1	1.3	.2	.5								2.1	6.9
S	.9	1.5		.2								2.7	8.7
SSW	1.2	.5	.1									1.8	3.1
SW	.8	.6	.2	.2								1.4	8.5
WSW	.5	.5	.4									1.4	5.2
W	1.5	1.8	.8	.1								4.4	8.8
WWW	2.6	1.8	.9									5.2	8.2
NW	1.6	1.1	1.8									4.5	5.2
NNW	1.3	3.5	2.8	.1								7.8	5.7
VARB.													
CALM												28.2	
	21.1	26.5	20.8	4.1	.2							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7226 HOMESTEAD AFB FL 75-84 FFB
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0300-0500
CONDITION NOON (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.2	4.0	.3								14.1	5.8
NNE	.5	.4	.4	.4								1.6	6.4
NE	.6		.6	.4								1.5	6.7
ENE	.7	.4	1.4	.4								3.3	8.0
E	1.4	3.1	2.5	.9								7.9	6.6
ESE	1.1	2.0	2.0	.1								6.2	5.1
SE	.4	1.8	1.5	.1								3.8	6.3
SSE	.2	1.4	.6	.2								3.7	5.0
S	.2	1.1	.4									2.8	4.5
SSW	.	.8	.1									1.4	3.7
SW	.	.7	.1	.5								1.8	5.9
WSW	.5	.8	.1									1.4	4.2
W	1.5	.5	.9	.1								3.1	4.8
WNW	1.8	1.1	.6	.1								3.5	4.3
NW	1.2	1.3	.6	.5								3.5	5.4
NNW	2.0	4.0	2.4	.7	.1							11.5	5.4
VARBL													
CALM												28.7	
	21.5	29.9	19.1	5.7	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12226
STATION

HOMESTEAD AFB FL
STATION NAME

75-84
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2600-3600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	6.9	9.6	1.2								19.0	5.2
NNE	0.2	0.9	0.5									2.2	0.7
NE	0.5	0.4	0.5	0.1								1.4	0.0
NNE	0.1	0.5	1.2	0.6								2.5	0.7
E	0.6	3.4	2.1	0.6								6.7	0.5
ESE	1.5	2.5	2.1	0.2	0.1							6.5	0.7
SE	0.9	2.4	0.9	0.1								4.1	0.3
SSE	0.2	1.8	1.2									3.9	0.5
S	0.7	1.2	0.9	0.1								2.8	0.3
SSW	0.2	0.2	0.9	0.1								2.1	0.1
SW	0.2	0.7	0.1	0.1								1.2	0.9
WSW	0.9		0.1									0.9	2.9
W	0.4	1.2	0.2									1.8	0.8
WNW	1.2	1.1	0.7									2.9	0.5
NW	1.1	1.4	0.9	0.2								3.5	0.3
NNW	5.4	4.5	2.5	0.7								11.1	0.3
VARBL													
CALM												27.3	
	27.5	28.9	19.1	4.1	0.1							100.0	0.0

TOTAL NUMBER OF OBSERVATIONS

889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7226 STATION HOMESTEAD AFB FL 75-84 YEARS FEB
MONTH
DATE
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	6.5	8.4	2.6	.2							19.8	7.4
NNE	1.4	2.7	1.8	.5								5.7	5.8
NE	.7	.8	.7	1.1								3.3	7.4
ENE	.4	.2	1.8	1.2	.1							3.7	9.1
E	.5	2.1	6.2	3.1								11.9	8.7
ESE	.4	1.3	4.7	1.6	.1							7.4	8.8
SE	.5	.9	2.6	1.4	.2							5.7	9.0
SSE	.2	.8	2.9	.9	.1							5.1	8.9
S	.5	.8	3.4	1.4								6.2	8.5
SSW	.6	1.2	.9	1.1								3.7	8.0
SW	.2	.4	.2	.1	.1							1.1	7.9
WSW	.5	.1	.6	1.1								2.2	9.8
W	.4	1.5	1.2	.6								3.7	6.9
WNW	.1	1.1	1.4	.2								2.8	7.1
NW	.8	.5	1.9	.9								4.1	7.8
NNW	1.1	2.7	4.7	2.4	.1							9.5	8.4
VARBL													
CALM												4.2	
	1.4	22.3	41.9	20.1	1.1							150.0	7.7

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 26 HOMESTEAD AFB FL STATION NAME 75-84 YEARS FEB 1975

ALL WEATHER
CLASS

1200-1800
DOWNS (L.S.V.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	4.2	1.2	.1							7.7	8.5
NNE	.4	.9	1.5	.5								3.4	7.7
NE		.4	1.1	2.0								3.4	11.0
ENE	.6	1.4	3.9	2.4	.2							8.5	9.1
E	1.5	3.7	8.4	5.8								18.7	8.6
ESE	.5	1.1	4.8	2.5								8.8	9.0
SE	.1	1.1	3.4	2.7	.2							6.8	9.6
SSE	.2	.5	2.4	1.1								4.1	9.3
S	.4	.6	3.3	1.6								5.9	9.2
SSW	.1	.2	2.1	1.8	.6							4.9	10.9
SW		.6	.8	.9	.2							2.6	10.4
WSW	.7	.5	.6	.8	.2							2.4	10.0
W	.4	.8	1.5	1.4	.2	.1						4.5	9.9
WNW	.4	.7	1.4	1.5	.5							4.5	9.7
NW		.7	2.4	1.4								4.5	9.2
NNW	.4	1.3	4.7	2.4								8.0	9.2
VARBL													
CALM												1.3	
	5.5	15.5	45.9	29.2	2.8	.1						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

122-26 STATION HOMESTEAD AFB FL 75-84 YEARS FEB
CLASS ALL WEATHER 1800-2000
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.2	2.2	.7								7.3	6.2
NNE	.1	1.4	.7	.8								4.1	6.2
NE	.9	1.8	2.4	1.1								6.1	7.3
ENE	3.3	3.4	3.1	.9	.4							11.1	6.1
E	4.2	4.2	4.7	.6								13.8	5.6
ESE	7.1	3.1	.9	.5								7.5	4.5
SE	1.5	2.2	.9	.2								5.1	5.0
SSE	1.3	1.9	.7	.1								4.5	4.3
S	2.3	1.5	.6									4.9	3.7
SSW	1.2	1.5	.7	.1								3.5	4.9
SW	.2	.7	.4									1.3	5.7
WSW	.3	.8	.6	.1								2.4	5.1
W	.8	3.2	3.2	1.3								8.5	7.3
WNW	.7	1.5	.9	.4								3.5	6.2
NW	.7	1.2	1.3									3.2	5.6
NNW	.5	.9	1.1	.2								2.7	6.5
VARBL													
CALM												10.6	
	25.1	32.6	24.4	7.1	.8							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL 75-84 YEARS FEB
STATION NAME CLASS HOURS (L.E.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	2.7	1.6	.1							6.4	8.4
NNE	.1	.5	.7	.5								1.8	8.5
NE	.1	.2	1.3	3.5	.1							5.3	11.5
ENE	.1	1.9	5.5	3.5	.2							11.2	9.5
E	1.1	5.4	9.5	3.2								19.2	7.8
ESE	.4	2.7	4.8	1.3								9.2	7.8
SE	.4	1.9	4.4	.6								7.2	7.7
SSE	.1	1.3	2.7	.7	.1							4.2	8.3
S	.5	.8	3.5	1.2								6.0	8.3
SSW		.5	2.5	1.2								4.1	9.7
SW	.1	.5	.6	1.2	.5							2.8	11.2
WSW	.1	.4	.8	.1	.4							1.8	9.8
W	.4	.6	2.1	1.9	.5							5.4	10.7
WNW	.1	1.3	1.4	1.3	.1							4.2	9.1
NW	.2	.4	2.4	.9								3.9	8.8
NNW	.3	1.3	3.3	1.5								6.9	8.2
VARBL													
CALM												.4	
	5.1	24.7	47.6	24.3	2.0							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

22-26 STATION HOMETEAD AFB FL 75-84 YEARS FEB 1989
CLASS ALL WEATHER
CONDITION
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.6	3.5	.5								10.1	6.0
NNE	.5	.7	.6	.1								1.9	5.7
NE	.7	.1	1.2	.6								2.6	7.3
ENE	1.9	1.8	1.6	1.5								6.7	6.9
E	2.2	4.0	3.7	.8		.2						11.7	6.0
ESE	2.6	.9	1.2	.6								5.3	5.2
SE	.7	1.1	.9	.4								3.3	5.9
SSE	.7	1.1	.6	.2								2.6	5.7
S	1.6	.6	.5									2.7	3.7
SSW	.7	.6	.1	.1								1.8	4.0
SW	1.4	.5		.1								2.0	3.2
WSW	1.9	.5	.5									2.9	3.5
W	2.8	2.5	1.5									6.8	4.4
WNW	2.5	2.4	1.6									6.5	4.7
NW	.8	1.4	1.1	.1								3.4	5.5
NNW	.8	1.8	1.4									4.0	5.6
VARBL													
CALM												25.7	
	24.5	24.5	20.0	5.1		.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

222 26 STATION HOMESTEAD AFB FL 75-84 YEARS FEB MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.1	8.3	1.7	.1							12.0	6.4
NNE	.7	.9	.9	.4								2.9	6.3
NE	.5	.5	1.1	1.1	.0							3.1	8.7
ENE	1.7	1.3	2.4	1.5	.1							6.3	8.0
E	1.8	3.8	5.2	2.0	.0	.0						12.7	7.2
ESE	1.5	2.7	2.7	.9	.0							7.1	6.7
SE	.7	1.5	2.7	.6	.1							4.9	7.2
SSE	.7	1.3	1.3	.5	.0							3.8	6.9
S	.1	1.7	1.6	.6								4.3	6.6
SSW	.7	.7	.9	.5	.1							2.9	7.3
SW	.4	.6	.3	.4	.1							1.8	7.3
WSW	.7	.5	.5	.3	.1							1.9	6.5
W	1.7	1.5	1.4	.7	.1	.0						4.8	6.9
WNW	1.2	1.4	1.1	.4	.1							4.2	6.1
NW	.9	1.7	1.5	.5								3.8	6.7
NNW	1.5	2.5	2.7	1.0	.0							7.7	6.8
VARBL													
CALM												15.8	
	16.6	24.5	29.9	12.5	.8	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MONTH MAR
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.2	1.0	.1								7.8	5.1
NNE	.4	.2	.1									.8	4.4
NE	.3	.3	.4	.1								1.2	5.9
ENE	.6	.1	1.0	.9	.2							3.8	9.1
E	2.7	3.9	3.7	3.3								13.5	7.4
ESE	3.3	3.7	4.4	1.7								11.7	6.2
SE	1.2	2.2	3.3	.6								7.3	6.8
SSE	.9	1.2	1.3	.5								3.9	6.9
S	1.7	1.7	1.5	.1								4.3	5.5
SSW	1.2	.4	.3	.1								2.0	4.5
SW	1.7	.3		.1	.2							1.6	5.7
WSW	.7	.4	.4	.1	.1							1.6	7.8
W	1.7	1.3		.1								2.4	3.9
WNW	1.1	1.4	.2									2.7	4.0
NW	.4	1.6	.9		.1							3.0	6.0
NNW	1.4	1.5	1.8	.4								5.6	6.0
VARBL													
CALM												27.2	
	22.7	22.2	22.6	7.5	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION HOMESTEAD AFB FL YEARS 75-84 MONTH MAR
STATION NAME CLASS ALL WEATHER HOURS (L.C.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	4.1	4.3	2.6	.5								11.5	5.0
NNE	.7	.4										.6	4.0
NE		.1		.1								.2	10.0
ENE	.4	.8	1.3	1.5	.1							4.1	9.2
E	1.9	2.4	2.9	1.6								8.8	7.1
ESE	1.9	3.7	3.3	1.3								10.2	6.4
SE	.2	2.9	3.7	.4								6.6	7.2
SSE	1.7	1.9	1.5	.3								5.5	5.5
S	1.4	1.2	1.2	.6								4.4	6.3
SSW	2.2	.8	.3									3.2	3.3
SW	1.3	.4	.4									2.2	3.9
WSW	.4	.3	.4	.1								1.3	6.5
W	1.1	.3	.6	.3								2.4	5.5
WNW	1.1	.3	.1	.1								1.5	3.6
NW	1.1	.5	.6	.1								2.3	4.8
NNW	1.8	2.6	1.4	.4								6.2	5.8
VARBL													
CALM												29.0	
	20.6	22.9	19.8	7.5	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122026 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MAP SOUTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	5.7	3.7	1.2								14.7	5.6
NNE	1.2	.9	.3									2.4	3.8
NE	.1	.5		.2								.9	6.6
ENE	.4	.6	.9	1.5	.1							3.5	9.6
E	1.2	3.1	3.1	2.4								9.8	7.7
ESE	1.6	3.4	3.5	.6								9.2	6.4
SE	1.1	2.7	3.2	.6								7.6	6.5
SSE	.5	1.6	1.5	.2								3.9	6.2
S	1.7	1.6	1.6	.5	.2							5.7	6.2
SSW	1.5	.6	.5	.2								2.9	4.9
SW	.6	.3	.1									1.1	3.6
WSW		.1	.2	.3								.6	10.3
W	.8	.3	.5	.2								1.8	5.9
WNW	.8	.5	.7	.2								1.8	5.5
NW	1.6	.5	.1									2.5	3.2
NNW	2.4	1.9	2.1	.4								6.8	5.2
VARBL													
CALM												24.7	
	19.7	24.6	21.9	8.7	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL 75-84 YEARS MAP
STATION NAME ALL WEATHER CLASS 0900-1100
CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	5.5	2.5	.1							11.7	8.0
NNE	1.0	2.7	2.0	.1								5.8	6.0
NE	.1	.6	.5	1.0	.2							2.5	10.5
ENE	.1	.2	1.7	2.0	.6							4.9	11.8
E	.4	1.9	5.3	6.7	.1							14.4	10.2
ESE	.1	1.3	5.1	4.3	.1							11.0	10.0
SE		.5	4.5	3.2	.1							8.5	10.2
SSE	.2	1.2	3.1	2.6	.1							7.7	9.1
S	.3	1.5	3.4	1.9		.2						7.4	9.3
SSW	.5	1.3	1.4	1.1	.3	.1						4.7	9.0
SW	.2	.5	1.1	1.1	.2	.1						3.2	10.2
WSW	.1	.4	.5	.6	.1							1.8	9.5
W	.3	.6	1.4	1.1	.3							3.8	9.2
WNW	.2	.4	1.1	.1	.3	.1						2.3	9.5
NW	.4	.4	1.1	.2								.2	7.1
NNW	1.2	.6	2.3	1.2								5.3	8.0
VARIABLE													
CALM												2.8	
	7.6	16.7	40.0	29.7	2.7	.5						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72226
STATION

HOMESTEAD AFB FL

STATION NAME

75-84

YEARS

MAP
SOUTH

ALL WEATHER
CLASS

1200-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	2.3	1.0	.2							4.5	9.0
NNE		.4	.9		.2							1.4	9.4
NE	.3	.2	.5	1.1	.5							2.8	11.7
ENE	.4	.6	2.4	4.2	1.3							8.9	11.8
E	.2	2.6	8.1	7.1	1.2							19.1	10.5
ESE	.2	1.7	7.3	5.9	.2							15.4	10.0
SE	.4	1.6	4.7	3.3	.2							10.3	9.5
SSE	.2	1.1	4.7	2.0	.1							7.4	9.4
S	.4	.4	2.6	1.9	.1							5.5	9.5
SSW	.1	.2	2.7	1.8	.1	.2						4.5	11.1
SW	.7	.4	1.1	1.8	.1	.2						3.9	11.2
WSW		.4	.4	1.3	.4							2.9	11.9
W	.7	.2	1.7	1.4	.2	.3						3.3	11.9
WNW		.5	1.7	1.1	.8	.1						3.4	12.4
NW	.1	.3	1.8	.5								2.8	8.8
NNW	.7	1.1	1.5	.4								3.2	7.7
VARBL													
CALM												.5	
	3.3	12.8	41.8	34.9	5.7	.9						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

122026 STATION NAME HOMESTEAD AFB FL 75-84 YEARS MAR MONTH

ALL WEATHER CLASS

1500-1700 HOURS (L.T.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		.9	.8	.3								1.6	8.2
NNE	.1		.3	.5								1.0	11.0
NE		.7	1.7	1.9	.3							3.5	12.1
ENE	.9	.5	3.7	4.3	.8							9.7	11.3
E	.7	3.9	11.2	8.0	.2							23.1	9.7
ESE	.2	2.7	8.2	2.3								12.7	8.7
SE	.1	1.8	6.6	2.7								10.5	8.6
SSE	.9	1.3	5.2	1.4								8.3	8.4
S		1.6	3.7	.5								5.8	8.2
SSW	.1	.3	2.9	1.3	.2							4.8	10.0
SW	.1	.3	1.2	1.1	.2							2.9	10.5
WSW		.1	.5	1.1	.2	.1						2.0	13.2
W	.2	.3	1.6	2.3	1.0							5.4	11.9
WNW		1.1	1.1	1.5	.3	.1						4.1	10.7
NW	.1	.6	.4	.4	.1							1.8	8.8
NNW		.5	.9	.8								2.2	9.3
VARBL													
CALM												.2	
	2.3	15.3	49.0	29.7	3.3	.2						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72226 STATION 75-94 MAR 1800-2000
HOMESTEAD AFB FL
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.3									2.3	5.8
NNE		.3	.6	.3	.2							1.6	9.6
NE		1.6	1.5	1.1	.3							4.7	8.7
ENE	1.3	1.9	3.4	1.7	.1							8.5	7.9
E	3.3	6.6	5.4	3.7								19.0	6.9
ESE	2.7	5.7	3.2	.5	.1							12.3	5.5
SE	3.6	2.5	3.1	.1								9.3	5.0
SSE	2.4	3.3	1.3	.1								7.1	4.5
S	2.7	2.6	1.5	.2								7.2	4.5
SSW	1.4	1.1	1.4									3.9	4.9
SW	.3	.8	.6	.5								2.3	7.4
WSW	.1	.3	.5	.1								1.1	6.9
W	.1	1.8	3.1	1.3								6.6	6.0
WNW	.2	1.3	1.6	1.5	.1							4.7	8.9
NW	.7	.4	.1	.3								1.1	6.9
NNW		.8	.9	.1								1.7	7.0
VARB													
CALM												6.7	
	19.2	32.4	29.2	11.6	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26 STATION HOMESTEAD AFB FL 75-84 YEARS MAR
MONTHS
ALL WEATHER CLASS 2100-2300
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	.9	.1								4.5	5.9
NNE	.4	.5	.1	.1								1.2	5.0
NE	.3	.4	.9	.4	.2							2.6	8.0
ENE	.7	1.2	2.5	1.6	.2							6.5	8.5
E	4.5	5.7	4.6	3.3								18.2	6.6
ESE	3.9	3.2	3.7	.3								11.0	5.5
SE	1.3	3.7	2.3	.4								7.0	6.1
SSE	.7	.9	.3	.5								3.8	4.7
S	1.3	1.1	.9	.1								3.3	5.0
SSW	1.0	.4	.1	.1	.1							1.7	4.7
SW	1.4	.6	.1	.4	.2							2.8	6.1
WSW	1.7	.2										1.2	2.8
W	1.5	2.8	.5									8.9	8.3
WNW	1.2	1.9	2.3									5.9	5.6
NW	.6	.6	.9	.4								2.6	6.6
NNW	1.1	.8	.3	.3								2.5	5.2
VARBL													
CALM												20.8	
	23.9	29.9	21.3	8.3	.8							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122 26 STATION NAME HOMESTEAD AFB FL YEARS 75-84 MAP MONTH ALL

CLASS ALL

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	2.4	.7	.0							7.3	6.3
NNE	.4	.7	.5	.1	.1							1.8	6.9
NE	.1	.5	.6	.7	.2							2.3	9.7
ENE	.6	.8	2.2	2.2	.4							6.2	10.0
E	1.6	3.7	5.5	4.5	.2							15.7	8.4
ESE	1.7	3.1	4.4	2.7	.1							11.7	7.5
SE	1.1	2.2	3.8	1.4	.0							8.4	7.6
SSE	.1	1.6	2.3	1.0	.0							5.9	7.2
S	.2	1.4	2.1	.8	.0	.0						5.5	7.0
SSW	1.0	.6	1.1	.6	.1	.0						3.5	7.3
SW	.6	.5	.6	.6	.1	.0						2.5	8.1
WSW	.7	.3	.5	.5	.1	.7						1.6	9.3
W	.7	1.0	1.1	.8	.2	.0						3.8	8.0
WNW	.6	.9	1.1	.6	.2	.2						3.2	8.0
NW	.6	.6	.8	.3	.7							2.3	6.4
NNW	1.1	1.2	1.4	.5								4.2	6.4
VARBL													
CALM												14.0	
	14.6	21.5	30.7	17.3	1.8	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10226 HOMESTEAD AFB FL STATION NAME 7A-83 YEARS 1988
CLASS ALL WEATHER 0000-0200
CONDITION ROUTE (L.S.V.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.0	.1								5.0	6.2
NNE		.3	.4	.1								1.0	6.9
NE		.3	1.1	.3								1.9	8.3
ENE	1.0	.8	3.9	1.4								7.1	8.1
E	1.7	4.6	7.7	3.7	.3							17.9	8.2
ESE	1.1	2.7	5.2	2.4	.1							11.6	8.2
SE		1.6	2.0	.6								5.1	6.5
SSE	1.3	1.8	1.8	.2								5.1	5.9
S	1.5	1.7	1.0									4.2	8.6
SSW	.3	.2		.3								1.3	5.3
SW	1.0	.7										1.7	3.2
WSW	.7	.6										.8	3.7
W	.7	1.6										2.2	3.7
WNW	1.1	.4										1.6	2.9
NW	.7	.8	.8									2.2	5.6
NNW	1.4	2.3	.3	.1								4.2	4.3
VARBL													
CALM												27.1	
	15.0	22.9	25.2	9.3	.8							106.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22 26 STATION HOMESTEAD AFB FL 74-83 YEARS ADD
STATION NAME SOUTH
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	4.3	1.2	.3								9.9	4.5
NNE		.2										.8	5.1
NE	.1	.2	.7	.6								1.6	9.1
ENE	.3	1.4	2.9	.6								5.1	7.5
E	1.5	3.7	6.3	2.9								14.4	7.9
ESE	1.1	2.9	4.3	1.4	.1							9.9	7.4
SE	1.1	1.7	3.7	.2								6.0	6.5
SSE	1.3	1.6	1.3	.4								4.7	5.8
S	2.3	2.1	1.7	.1								5.6	4.5
SSW	1.1	.2										1.3	2.6
SW	.3	.3		.3								1.0	6.3
WSW	1.2	.4										1.7	2.7
W	.7	.4										.8	3.6
WNW	1.1	.2										1.3	2.9
NW	.7	.6										1.2	3.0
NNW	.1	2.1	1.6	.4								5.1	5.9
VARBL													
CALM												29.7	
	17.9	23.7	22.0	7.3	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 26 STATION HOMESTEAD AFB FL YEAR 74-83 APP 0000
STATION NAME CLASS ALL WEATHER MONTHS 0600-0800
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	5.9	3.2	1.1	.1							14.4	5.6
NNE	1.4	1.0	.5									3.0	4.1
NE		.4	1.1	.8								2.3	9.9
ENE	.3	1.0	2.4	1.2								5.0	8.5
E	.1	3.8	5.9	3.2								13.9	8.3
ESE	.9	2.3	6.9	1.8	.1							11.9	8.0
SE	.7	1.8	1.7	.6								8.7	7.0
SSE	.2	1.4	1.1	.4								8.2	6.1
S	.1	2.3	1.9	.7								5.9	6.5
SSW	.8	.9		.1								1.8	8.5
SW	.4	.6	.1	.1								1.2	5.3
WSW	.6	.6	.2	.2								1.6	5.6
W	.4	.3	.2									1.1	3.9
WNW	.7	.6	.1									.9	4.5
NW	.4	.1	.1									.7	3.3
NNW	1.5	1.8	.9	.2								4.4	8.9
VARBL													
CALM												23.0	
	15.2	29.8	26.3	10.4	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12246 HONESTAD AFB FL STATION NAME 74-83 YEARS APR MONTH 1900-1900 HOUR (L.P.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.9	2.9	1.7	.2	.1						7.7	8.2
NNE	.4	1.0	.6	.9	.2							3.1	8.5
NE	.7	.3	1.6	2.2	.7	.1						5.6	10.9
ENE	.4	.3	4.4	4.9	.8							10.9	11.1
E	.4	3.2	7.8	7.3	.6	.1						19.4	10.1
ESE	.4	1.4	5.8	5.4	.2							13.3	10.5
SE	.4	.9	3.2	2.8								7.3	9.3
SSE	.1	.7	2.7	1.7								5.1	9.7
S	.1	1.7	3.4	1.6	.3							8.0	8.3
SSW	.6	.9	1.7	.6								3.7	7.7
SW	.2	.8	1.2	.6	.2							3.0	8.6
WSW	.7	.4	.3	.8	.2							2.4	8.4
W	.2	.7	1.1	.4								2.4	7.4
WNW	.7	.4	.4	.2								1.8	5.8
NW	.6	.4	.6	.2								1.8	6.3
NNW	.3	1.4	1.2	.1								3.1	6.0
VARBL													
CALM												1.3	
	2.1	16.6	38.9	31.3	3.4	.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722126
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.1	.8	.1							2.7	9.5
NNE	.2	.3	.7	.6	.1							1.9	9.4
NE	.2		.2	1.6	1.3	.1						3.3	15.2
ENE	.2	.6	3.9	7.7	1.1							13.4	12.2
E	.2	2.7	17.9	17.6	1.9							26.2	16.9
ESE		2.3	7.3	5.9								15.6	10.1
SE	.1	.6	5.1	2.3								8.1	9.6
SSE	.2	1.7	4.2	2.2								7.7	9.1
S	.2	.3	3.9	1.3								5.8	9.3
SSW	.1	.6	1.7	1.1								2.8	9.8
SW		.2	.8	.9	.2							2.1	11.4
WSW	.3	.3	.7	.9	.3							2.6	9.8
W	.3	.6	1.1	1.9								3.9	10.1
WNW	.1	.2	.9	.3								1.6	8.0
NW		.2	.1	.1								.4	8.3
NNW	.1	.6	.7	.2								1.6	7.2
VARBL													
CALM												.4	
	2.4	11.7	42.6	38.3	5.1	.1						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

722726
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.0	.7								2.2	8.7
NNE			.4	.3	.1							.9	11.4
NE		.1	.3	3.4	.9							4.8	19.3
ENE		.4	4.7	7.6	.9	.1						13.7	11.9
E	.1	3.0	11.3	9.8	1.0							25.2	10.4
ESE	.2	2.1	7.2	2.9								12.4	9.0
SE		3.1	6.3	1.4								10.9	8.3
SSE	.1	2.2	4.7	2.1								9.1	8.6
S	.1	1.4	3.4	.4								5.4	7.9
SSW	.1	.8	2.4	.2								3.6	8.0
SW	.1	.2	.7	.7								1.7	9.8
WSW		.2	.3	.8	.1							1.4	11.5
W		.3	1.1	3.0	.3							4.8	11.9
WNW	.1	.1	.7	.7	.2							1.8	10.6
NW		.4	.1	.2								.8	7.4
NNW	.1	.2	.4	.2								1.0	8.1
VARBL													
CALM												.3	
	1.2	15.2	45.1	34.4	3.6	.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122526 HOMESTEAD AFB FL YEAR 74-83 ADD
STATION NAME CLASS ALL WEATHER 1800-2000
CONDITION NOON (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.8	.2								2.2	6.4
NNE	.1	.6	1.1	.3								2.1	8.8
NE		.8	3.2	2.4	.1	.1						6.7	10.2
ENE	.4	3.2	7.2	3.7	.8	.1						14.8	9.2
E	2.4	6.7	9.7	4.8								23.6	7.7
ESE	2.1	4.6	2.7	.7								9.3	5.7
SE	1.0	4.2	2.2	.2								7.7	5.9
SSE	1.8	2.6	.9	.1								5.3	8.8
S	3.9	3.1	1.4									8.4	4.1
SSW	.9	.7	.9									2.4	5.0
SW	.2	.6	.4	.1								1.3	5.7
WSW	.4	1.2	.4									2.1	8.8
W	.6	2.1	3.3	1.1								7.1	7.9
WNW		.2	.3	.1								.7	8.0
NW			.1									.1	10.0
NNW	.5	.4	.2									1.2	4.1
VARBL													
CALM												4.9	
	14.3	31.8	34.3	13.1	.9	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEAR

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	.9	.1								3.3	4.9
NNE	.	.9	.3	.4								1.8	7.2
NE	.9	.7	1.2	1.2	.3							4.3	8.8
NNE	.4	2.7	4.4	2.2								9.8	8.3
E	3.1	6.1	11.3	4.7	.2							25.4	7.9
ESE	2.6	4.3	1.4	.7		.1						9.1	5.5
SE	1.7	2.4	.9	.3								5.3	5.1
SSE	1.2	1.6	.6	.1								3.4	4.5
S	1.4	.9	.6									3.2	4.0
SSW	.9	.4	.1									1.4	3.3
SW	.4	.9										1.3	3.8
WSW	.9	.9	.1									1.8	3.8
W	1.9	2.6	1.2	.1								5.8	4.8
WNW	1.1	.9	.7									2.6	4.5
NW	.3	.4										.8	3.4
NNW	.9	.4	.3									1.7	3.9
VARBL													
CALM												18.9	
	19.1	27.8	23.7	9.9	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 '26 STATION HOMESTEAD AFB FL 74-83 YEARS ADD MONTHS
ALL WEATHER CLASS ALL MONTHS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.8	.6	.1	.0						5.9	6.1
NNE	.3	.6	.5	.3	.1							1.8	7.8
NE	.2	.4	1.2	1.6	.4	.3						3.8	11.1
ENE	.4	1.3	4.2	3.6	.4	.2						10.0	10.1
E	1.3	4.2	8.9	5.9	.5	.0						20.8	9.1
ESE	1.1	2.8	5.0	2.7	.1	.1						11.6	8.3
SE	.7	2.0	3.1	1.1								6.9	7.5
SSE	.9	1.6	2.2	.9								5.6	7.2
S	1.5	1.7	2.1	.5	.0							5.8	6.3
SSW	.7	.6	.8	.3								2.3	6.5
SW	.3	.5	.4	.3	.1							1.7	7.3
WSW	.5	.6	.3	.3	.1							1.8	6.7
W	.6	1.1	1.0	.8	.0							3.5	7.6
WNW	.5	.4	.4	.2	.0							1.5	5.8
NW	.3	.4	.2	.1								1.0	5.3
NNW	.7	1.2	.7	.2								2.8	5.8
VARBL													
CALM												13.2	
	11.7	21.6	32.3	19.3	1.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 126 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS MAY MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	.8									3.8	4.2
NNE	.3	.3	.2	.1								1.0	5.4
NE	.8	.5	.4	.3								2.0	5.8
ENE	.9	1.9	2.2	.2								5.2	6.3
E	2.4	4.7	8.6	2.8	.1							18.6	7.3
ESE	2.4	3.1	3.4	.8								10.1	5.9
SE	1.4	2.7	1.6	.2								5.3	5.5
SSE	1.9	1.4	1.7	.4	.1							4.8	5.5
S	1.8	.6	.5	.1								3.1	4.2
SSW	1.1	.6	.4	.1								2.3	4.4
SW	.6	.5										1.2	3.3
WSW	1.7	.1										1.1	2.6
W	1.2	.5	.2									1.9	3.7
WNW	1.4	1.1	.1									2.6	3.5
NW	1.2	.8	.1									2.0	3.4
NNW	1.3	.9	.1									2.3	3.6
VARBL													
CALM												32.8	
	21.5	20.8	19.7	5.1	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722 26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH MAY
CLASS ALL WEATHER
CONDTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	.4									5.1	4.3
NNE		.4	.2									.6	5.8
NE	.3	.6	.2	.3								2.2	6.9
ENE	.9	1.9	1.9	.4								5.2	6.8
E	1.9	4.3	4.1	1.6								11.8	6.6
ESE	2.2	4.2	4.1	.5								11.0	6.0
SE	1.5	3.8	1.5									6.9	5.1
SSE	1.2	1.7	.6									3.5	4.4
S	2.6	1.5	1.1	.1								5.3	4.3
SSW	.5	.1		.1								.8	4.0
SW	1.2	.1	.3		.1							1.7	4.3
WSW	.7	.1		.1								1.2	3.5
W	.2	.2										1.1	3.1
WNW	1.4	.5										1.9	2.9
NW	.5	.4										1.0	3.1
NNW	1.6	.5	.1									2.3	2.5
VARBL													
CALM												38.6	
	19.4	23.7	15.1	3.2	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.2	1.7	.1								9.6	8.6
NNE	.9	.6	.4	.1		.1						2.5	5.7
NE	.3	.9	.9	.5								2.5	7.9
ENE	.5	1.7	2.4	1.3								5.9	7.7
E	1.5	2.8	3.8	1.9								10.0	7.4
ESE	1.5	3.7	4.9	1.7								11.2	7.3
SE	1.3	2.6	2.4	.4								6.7	6.2
SSE	1.6	1.6	1.5	.4								5.2	5.8
S	2.8	1.9	1.2	.6								6.6	5.2
SSW	1.2	.6	.2	.1								2.2	3.9
SW	.4	.4	.1	.1								1.1	4.7
WSW	.5	.1	.1	.1								.9	4.1
W	1.3	.8	.3									2.4	3.7
WNW	.7	1.1										1.4	4.2
NW	1.7	.3	.1									1.4	2.5
NNW	2.3	1.8	.5									4.6	3.7
VARBL													
CALM												26.6	
	27.9	24.5	20.4	7.5		.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION HOMESTEAD AFB FI 74-83 YEARS MAY
DATE
ALL WEATHER CLASS 0900-1100
0000 (L.R.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	1.3									3.5	5.8
NNE	.6	1.6	.6									2.9	5.0
NE	.5	.5	1.7	1.5	.3							4.7	9.5
ENE	.2	1.3	3.5	3.9	.1							9.7	9.6
E	.2	2.8	7.4	5.7								16.8	9.1
ESE	1.0	1.1	6.1	3.9	.2							12.3	9.8
SE	.3	1.9	2.8	.9								6.3	7.5
SSE	.9	4.0	4.3	1.1								10.1	7.2
S	1.5	2.6	4.8	1.7		.1						10.9	7.7
SSW	.4	1.6	1.5	.4	.1							4.1	7.1
SW	.6	1.7	.6	.4								3.8	6.1
WSW	1.0	1.0	.4	.5								2.9	6.0
W	1.3	1.3	1.0	.1	.2							3.9	5.9
WNW	.3	.8	.5	.1	.1							1.8	6.6
NW	.5	.5	.5									1.6	5.0
NNW	.5	1.1	.4	.1								2.2	5.5
VARBL													
CALM												2.9	
	12.5	25.4	37.7	20.3	1.1	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12226 HOMESTEAD AFB FL STATION NAME 74-83 YEARS MAY MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0		.5	.1	.1							.9	9.5
NNE	.0	.3	.7	.1								.9	7.0
NE		.3	.5	1.2	.1							2.2	10.9
ENE		.4	3.7	6.0	.4							11.5	11.7
E	.3	2.4	11.7	9.8	.1							23.8	9.8
ESE	.5	3.7	9.6	7.4								17.2	8.6
SE	.5	2.3	4.6	1.5								8.9	8.0
SSE	.3	1.8	6.5	1.7								9.6	8.1
S	.4	2.8	5.6	1.5	.1							10.4	8.1
SSW		.8	2.6	1.5	.3							5.2	10.3
SW		1.7	1.7	1.0	.1							3.0	9.4
WSW	.0	.5	1.1	.2								1.9	7.7
W	.0	.3	.6	.8								1.8	9.8
WNW	.3	.2	.1	.1								.8	5.3
NW	.7	.8	.2									.9	4.8
NNW	.7	.3	.5	.1								1.2	6.4
VARBL													
CALM												1.0	
	3.9	17.5	49.1	27.3	1.3							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 722 26 STATION NAME HOMESTEAD AFB FL YEAR 74-83 MONTH MAY
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.6									1.3	5.7
NNE	.7	.1	.4	.1								1.2	6.4
NE		.7	1.1	1.9								3.3	11.7
ENE	.4	.2	4.4	8.5	.1							14.7	11.1
E	.2	2.7	12.4	5.8								21.1	9.2
ESE	.5	2.6	7.3	1.7								12.3	8.0
SE	.4	3.3	5.5	.8								10.0	7.4
SSE	.1	2.5	6.7	.5								9.5	7.6
S	.2	3.7	5.2	1.7								10.0	7.2
SSW	.2	.0	2.9	1.5	.1							5.6	9.3
SW	.1	.4	1.7	1.3	.1							2.9	10.2
WSW	.7	.2	.6	.6								1.7	9.5
W	.1	.2	.7	1.5	.3							3.1	11.2
WNW		.1	.2									.3	6.7
NW	.1	.3	.2									.6	5.5
NNW	.7	.3	.3		.1							1.1	6.7
VARBL													
CALM												1.5	
	4.7	18.3	49.5	25.3	.8							105.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.1									1.5	4.1
NNE	.5	.5	.3	.1	.2							1.7	6.8
NE	.7	1.1	2.3	1.3	.1							4.9	8.8
ENE	.9	3.4	6.3	3.9	.1							14.6	8.6
E	2.6	8.9	8.8	2.5	.2							23.0	6.9
ESE	3.7	3.3	2.2	.4								9.8	5.0
SE	2.4	2.6	1.4	.4								7.2	5.0
SSE	2.3	2.2	1.1									5.5	4.3
S	2.9	4.8	1.8	.1								9.6	4.9
SSW	1.6	2.2	.8									3.9	4.9
SW	.5	.3	.7	.4								2.0	5.9
WSW	.8	.6	1.7									1.9	6.2
W	.7	1.7	2.8	.5								4.6	7.8
WNW		.7	.6	.2								1.1	9.1
NW	.7		.1		.1							.4	8.3
NNW	.1	.2	.7									.6	5.0
VARBL													
CALM												7.5	
	10.4	32.5	30.7	9.9	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2226 STATION HOMESTEAD AFB FL 74-83 YEARS MAY MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.2	.1								3.8	5.3
NNE	.5	.5	.1									1.2	3.6
NE	1.1	.8	1.7	.2								2.9	5.7
ENE	1.9	4.4	4.5	1.7								11.8	6.5
E	2.9	7.3	8.9	2.7								21.8	7.1
ESE	4.	3.5	1.7	.3								9.6	4.7
SE	1.7	.5	1.1	.3								3.9	5.1
SSE	2.7	1.0	.9									3.9	3.9
S	2.9	1.7	.2	.3								4.4	3.7
SSW	1.7	.4	.1	.1								1.9	3.8
SW	1.5	.6	.1									2.3	3.5
WSW	1.	1.2	.3									2.5	4.1
W	2.4	2.2	.7									4.7	3.7
WNW	.9	.9	.8									2.2	4.8
NW	.2	.4										.6	3.7
NNW	.4	.1	.2	.1								.9	5.3
VARB													
CALM												22.0	
	25.9	25.9	21.7	5.2								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22226 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOUR ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	.8	.7	.0							3.6	4.9
NNE	.4	.6	.3	.1	.0	.0						1.4	5.6
NE	.4	.6	1.1	.9	.1							3.1	8.6
ENE	.8	2.7	3.7	3.1	.1							9.7	8.9
E	1.5	4.5	8.2	4.0	.1							18.4	8.0
ESE	2.1	3.1	4.9	1.6	.0							11.7	7.1
SE	1.7	2.4	2.6	.6								6.9	6.9
SSE	1.3	2.7	2.7	.4	.0							6.5	6.4
S	2.7	2.3	2.6	.7	.0	.0						7.5	6.2
SSW	.7	.9	1.1	.5	.1							3.2	7.0
SW	.6	.7	.4	.4	.0							2.2	6.5
WSW	.5	.5	.4	.2								1.8	5.8
W	1.7	.8	.8	.4	.1							2.9	6.3
WNW	.6	.6	.3	.1	.0							1.5	4.8
NW	.5	.4	.2		.0							1.1	4.1
NNW	.7	.7	.3	.0	.0							1.9	4.3
VARBL													
CALM												16.6	
	16.0	23.6	37.3	13.0	.5	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7490

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72226 STATION HOMESTEAD AFB FL 74-83 YEARS JUN MONTHS
ALL WEATHER CLAIM 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.6	.1									2.8	2.6
NNE	.9	.2										1.1	2.7
NE	.5	.4	.1	.3	.1							1.6	6.9
ENE	1.1	.6	1.2	.5								3.9	7.0
E	3.9	4.9	2.7	.4								11.8	5.0
ESE	4.4	2.8	1.4									8.7	4.2
SE	2.3	1.8	.7	.1								4.9	4.4
SSE	1.1	.8										1.8	3.1
S	1.9	1.2	.3	.2								3.7	4.2
SSW	.8	.7	.1	.3								1.9	5.4
SW	.6	.2										.8	2.3
WSW	.7	.1										.8	2.4
W	1.3	.6		.1								2.0	3.3
WNW	.6	.1										.7	2.5
NW	.3	.2										.6	2.6
NNW	2.4	.4										2.9	2.7
VARBL													
CALM												50.3	
	24.8	15.8	6.7	2.3	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

122-26 HOMESTEAD AFB FL

78-83

JUN

ALL WEATHER

0300-0500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.6										4.1	2.9
NNE	1.4	.2	.2									1.9	3.2
NE	.9	.3		.2								1.4	4.0
ENE	.5	.6	1.2	.6								2.9	7.3
E	3.7	1.9	1.4	.3								6.7	4.6
ESE	3.3	3.8	1.6	.3								9.0	4.8
SE	1.4	1.3	.2									3.0	3.9
SSE	1.2	.4	.2	.1								2.0	3.9
S	1.5	1.4	.6	.2	.1							3.9	4.8
SSW	.6	1.7	.3	.1	.1							2.1	5.8
SW	.3	.2										.6	3.4
WSW	.8	.2										1.0	2.8
W	.7	.4										1.1	2.9
WNW	.7	.1										.8	2.1
NW	.9	.2										1.1	2.2
NNW	1.3	.9										2.2	3.1
VARBL													
CALM												56.2	
	21.2	14.7	5.3	1.9	.2							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72226 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS 1111
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	.1									6.2	3.5
NNE	1.4	1.9	.2									3.6	3.8
NE	.8	1.0	.4	.2								2.4	5.0
ENE	1.4	.6	1.7	1.2	.1							5.0	7.4
E	1.8	2.6	1.6	.1								6.0	8.9
ESE	2.1	3.7	2.9	.2								8.9	5.6
SE	.9	2.2	1.6	.1								4.8	5.6
SSE	1.5	.8	.8									3.1	4.8
S	2.1	2.1	.7	.1								5.0	4.3
SSW	1.1	1.2	.2	.4	.1							3.1	5.9
SW	1.1	.2										1.3	2.8
WSW	.4	.2	.2									.9	4.5
W	.3	.2	.2									.8	8.6
WNW	.7	.6										1.2	2.9
NW	.8	.3	.1									1.2	3.1
NNW	3.3	1.7	.3	.1								4.8	3.3
VARBL													
CALM												41.7	
	22.8	21.8	11.0	2.6	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12226
STATION

HOMESTEAD AFB FL
STATION NAME

78-83
YEARS

UN
DATE

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.2	.2								1.0	7.7
NNE	.3	.3										.7	3.5
NE		.4	.4	.4								1.3	8.9
ENE	.7	1.0	4.3	3.2	.1							9.3	10.0
E	1.0	6.6	14.1	3.8								25.4	8.0
ESE	.6	5.7	11.6	1.1								18.2	7.7
SE	.7	3.7	6.2	.9								10.3	7.7
SSE	.7	2.4	4.3	.1								7.9	6.6
S	1.1	2.2	3.7	1.0	.1							7.9	7.8
SSW	.6	1.9	2.1	1.2	.4							6.2	8.6
SW	.2	.6	1.9	.3								3.0	7.9
WSW	.3	1.1	.6	.4								2.4	7.8
W	.2	.8	1.7	.2								2.2	7.1
WNW	.7	.6	.4									1.2	5.8
NW	.2	.3	.3									.9	5.5
NNW	.1	.2	.1									.4	5.0
VARBL													
CALM												2.2	
	6.4	27.0	50.7	13.0	.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION NAME HOMESTEAD AFB FL YEAR 78-83 MONTH JUN
ALL WEATHER CLASS 0900-1100
CONDITION NOON (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.2	.1								3.6	4.2
NNE	.6	.9	1.0									2.4	5.7
NE	.9	1.3	.7	.3	.1							3.3	6.1
ENE	1.0	2.2	4.8	1.9								9.9	8.0
E	2.3	6.3	9.4	1.6								19.7	7.0
ESE	1.3	6.7	5.9	.9								14.1	6.7
SE	1.4	2.4	3.6	.4								7.9	6.5
SSE	1.0	2.4	2.0	.2								5.7	5.7
S	1.7	2.8	2.7	.7								7.8	6.1
SSW	1.6	1.1	2.7	.8	.1							6.2	6.9
SW	1.2	.8	1.0	.3								3.3	5.5
WSW	1.4	.6	1.0									3.0	4.6
W	1.0	.7	1.2									2.9	5.5
WNW	.8	.3	.2	.2								1.6	5.4
NW	.3	.9	.8									2.0	5.4
NNW	.5	.4	.1									1.1	3.7
VARBL													
CALM												5.6	
	18.4	31.1	37.2	7.4	.2							130.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 126
STATION

HOMESTEAD AFB FL
STATION NAME

7A-83
YEARS

JULY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	1.7	.2								2.4	6.5
NNE	.3	.1	.2		.1	.1						.8	9.3
NE	.2	.1	.9	.8	.1							2.1	10.2
ENE	.4	1.2	3.6	4.7	.1							9.3	9.9
E	.8	5.4	13.1	2.7								21.3	7.9
ESE	1.7	6.2	8.3	.3								15.9	6.8
SE	.5	4.3	4.3	.4								9.7	6.7
SSE	.9	2.4	1.7	.6								5.6	6.2
S	1.7	4.7	3.6	.6								9.8	6.2
SSW	.9	1.6	2.4	.7	.1							5.7	7.4
SW	.9	1.7	1.4	.2	.1							4.3	6.3
WSW	.7	.9	.1	.4	.1							2.2	6.7
W	.6	1.7	.6	.6								2.7	6.9
WNW	.9	.4	.1	.1								1.4	4.5
NW	.3	.3	.2		.1							1.0	6.6
NNW	.1	.4	.7									1.4	6.2
VARBL													
CALM												4.3	
	11.8	30.9	42.2	10.9	.4	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722026
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEARS

JUN

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	.4		.1							3.9	4.6
NNE	.3	.7	.4	.1								1.6	5.9
NE	.2	1.0	1.1	1.3	.1							3.8	9.2
ENE	1.1	2.8	2.9	2.2								9.0	7.5
E	4.9	1.4	4.2									19.6	4.9
ESE	4.8	6.7	2.8									13.6	8.6
SE	2.8	3.7	.3									6.1	3.9
SSE	2.8	1.3	.9	.2								5.2	8.3
S	3.7	3.7	1.7									8.3	8.1
SSW	1.6	2.1	.8	.1								4.2	8.2
SW	.4	1.4	.2									2.1	8.5
WSW	.3	.7	.4									1.4	5.5
W	.9	.9	.3									2.1	8.3
WNW	.2	.6	.2	.1								1.1	5.8
NW	.4	.3										.8	3.8
NNW	1.4	.6	.3									2.3	3.5
VARBL													
CALM												14.9	
	27.1	37.3	16.1	8.1	.2							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEAR

JUN
MONTH

ALL WEATHER

CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.4										2.8	2.5
NNE	.9	.6	.1									1.4	3.7
NE	1.1	1.3	.4	.7								3.4	6.3
ENE	.9	2.4	2.1	1.1								6.6	7.2
E	5.4	6.3	3.7	.6								17.0	4.8
ESE	5.4	3.7	.7	.1								9.2	3.6
SE	2.7	1.0	.2									3.9	3.0
SSE	1.5	.8	.3									2.7	3.5
S	4.1	1.4	.7									6.2	3.4
SSW	1.2	.7	.1	.1								2.1	4.1
SW	1.1	1.0	.1									2.2	3.3
WSW	.7	.1	.1									.9	3.4
W	1.2	.3										1.6	2.5
WNW	.3	.2	.1									.7	3.5
NW	.9											.9	2.1
NNW	.9	.9	.2									2.0	3.9
VARBL													
CALM												36.4	
	31.6	20.6	8.9	2.6								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION HOMESTEAD AFB FL 74-83 YEARS 11/11
ALL WEATHER CLASS ALL
CONDITION

SP. ED (KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	.3	.1	.0							3.3	3.9
NNE	.7	.6	.3	.7	.0	.7						1.7	4.5
NE	.5	.7	.5	.5	.1							2.8	7.2
ENE	.7	1.4	2.7	1.9	.0							6.9	8.3
E	.7	5.6	6.3	1.1								15.9	6.3
ESE	2.7	4.6	4.4	.4								12.2	5.8
SE	1.5	2.4	2.1	.2								6.3	5.7
SSE	1.4	1.4	1.3	.2								4.2	5.3
S	2.2	2.4	1.6	.3	.0							6.5	5.2
SSW	.7	1.3	1.1	.5	.1							3.9	6.5
SW	.7	.8	.6	.1	.7							2.2	5.3
WSW	.7	.5	.3	.1	.0							1.6	5.2
W	.3	.6	.4	.1								1.9	5.0
WNW	.5	.4	.1	.1								1.1	4.3
NW	.5	.3	.2		.7							1.1	4.1
NNW	1.7	.6	.2	.7								2.2	3.5
VARBL													
CALM												26.5	
	2.4	24.9	22.3	5.6	.3	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22-26 STATION HOMESTEAD AFB FL 74-83 YEAR JUL
STATION NAME CLAS MONTH
ALL WEATHER
CLAS
CONDITION

0000-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.6	.1									4.1	3.8
NNE	1.2	.4										1.6	2.3
NE	1.1	.6	.1									1.8	3.1
ENE	1.2	.5	.4									2.2	4.1
E	4.3	4.7	2.7	.4								11.4	4.9
ESE	4.5	4.4	1.8	.2								11.0	4.6
SE	2.3	1.4	.1									3.8	2.9
SSE	1.3	.4		.1								1.8	3.4
S	1.8	.8										2.6	2.6
SSW	.9	.1										1.0	2.3
SW	.6											.6	2.3
WSW		.1										.1	4.1
W	.5	.3										1.0	2.7
WNW	.2	.4	.1									.8	4.1
NW	.9	.4										1.3	2.6
NNW	2.1	.3	.1									2.5	2.4
VARBL													
CALM												52.6	
	25.3	15.9	5.5	.8								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

222-26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

400
ELEVATION

ALL WEATHER
CLIM

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	1.1	.3									5.4	2.7
NNE	.6	.5										1.2	3.5
NE	1.1	.3	.1									1.5	3.0
ENE	.6	.2	.2									1.1	4.1
E	2.2	2.4	1.2									5.7	4.5
ESE	3.2	4.2	1.5	.1								9.7	4.8
SE	1.7	1.9	.5									4.2	4.1
SSE	1.1	.6	.2									2.2	3.5
S	.1	.4	.1									1.6	3.2
SSW	.4	.1										.5	2.2
SW	.1											.3	1.3
WSW	.3		.1									.4	3.8
W	.5			.2								.9	4.3
WNW	.3											.3	2.0
NW	1.1	.2	.1									1.6	2.5
NNW	.1	1.3										4.3	2.9
VARBL													
CALM												59.1	
	22.9	13.3	4.4	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

930

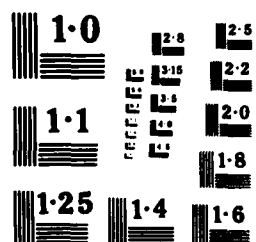
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TECHNICAL APPLICATIONS CENTER SCOTT A. SEP 84
USAF/TAC/DS 84/032 SRI-AD-F850 747 E/G

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72226 STATION HOMESTEAD AFB FL 74-83 YEARS JUL 1974
CLASS ALL WEATHER HOURS 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	2.8	.3									7.8	3.1
NNE	1.6	1.0	.1									2.7	3.2
NE	1.4	.8	.1									2.3	3.1
ENE	1.1	.9	.3									2.3	4.1
E	1.9	2.7	2.9	.4								8.0	5.0
ESE	2.3	5.2	3.2	.6								11.3	5.0
SE	1.9	1.9	.6	.2								4.7	4.5
SSE	2.1	.9	.2									3.1	3.3
S	1.3	1.4	.5									3.2	4.4
SSW	.5	.3										.9	3.4
SW	.4											.4	1.3
WSW	.9	.1										.5	2.6
W	.8	.3										1.1	2.9
WNW	1.1	.3										1.4	2.5
NW	1.5	.3										1.8	2.4
NNW	3.2	.0										4.1	2.6
VARBL													
CALM												44.4	
	26.2	19.7	8.4	1.3								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722026
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEAR

411
MONTHS

ALL WEATHER

CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	.3									2.6	3.2
NNE	.6	1.1	.4									2.2	4.5
NE	1.1	.8	.8									2.5	5.0
ENE	1.1	2.7	1.2	.2								5.1	5.6
E	2.1	6.2	9.8	2.8								20.9	7.8
ESE	1.3	6.3	9.9	2.4	.1							20.0	7.5
SE	1.2	4.3	3.3	.3								9.1	6.2
SSE	1.2	2.6	2.4									6.1	5.8
S	1.7	3.1	2.4	.2								7.4	5.7
SSW	1.5	1.7	1.7	.2								3.7	5.1
SW	.9	1.1	.8									2.7	5.0
WSW	1.1	.8	.2									2.0	3.8
W	1.6	1.1	.1									2.7	3.1
WNW	1.3	.9										2.2	3.3
NW	.5	.6	.1									1.3	8.3
NNW	.4	.4	.3									1.2	4.6
VARBL													
CALM												8.5	
	19.0	31.3	32.9	6.1	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12226
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEARS

JULY
MONTHS

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	3.8
NNE	.4	.1										.5	2.8
NE	.5	.2	.3									1.2	4.0
ENE	.1	1.3	1.8	.5								3.8	7.8
E	.9	7.1	17.2	3.7	.1							28.3	7.9
ESE	1.2	6.9	13.7	3.5								25.3	7.9
SE	.1	4.1	7.5	.4								13.0	7.2
SSE	.9	3.2	4.1	.4								8.6	6.8
S	.8	2.1	2.7	.4								5.3	6.5
SSW	.5	.4	.9	.3								2.2	6.7
SW	.4	.5	.8	.2								2.2	5.8
WSW	.3	.2	.2	.1								.9	5.5
W	.5	.6	1.2	.2								2.6	6.5
WNW	.2	.4	.3									1.0	5.6
NW	.7	.5	.2									1.1	4.6
NNW	.2	.2	.2	.1								.8	6.1
VARBL													
CALM												3.1	
	8.8	28.1	50.5	9.4	.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION HOMESTEAD AFB FL 74-83 YEARS JUL
STATION NAME CLASS 1500-1700
CONDITION MOES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	.5	.1								1.5	6.8
NNE	.3	.3	.3	.1								1.1	5.6
NE	.	.2	.4	.1								.9	6.9
ENE	.2	.9	2.9	.5								4.5	8.1
E	1.1	7.2	15.4	3.2	.1							27.0	7.8
ESE	1.1	6.5	17.8	1.4								19.7	7.5
SE	1.1	4.3	5.5	1.0								11.8	6.7
SSE	1.4	3.8	3.7	.3								9.1	6.1
S	1.4	3.9	2.8	.1								8.2	5.6
SSW	.5	1.2	1.3	.5								3.5	6.8
SW	.4	1.1	.6	.1								2.2	6.2
WSW	.6	.8	.8									2.2	5.0
W	.5	.8	1.0	.2								2.5	6.0
WNW	.	.1	.2									.8	5.8
NW	.1	.5	.3									1.0	5.9
NNW	.3	.6	.3	.1								1.4	5.6
VARBL													
CALM												3.1	
	9.5	32.7	46.8	7.8	.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 26 STATION HQHESTEAD AFB FL 74-83 YEARS JULY
DATE 1800-2000
TIME (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.6	.4								4.1	5.3
NNE	.7	.2	.1									.6	4.3
NE	.5	.9	.1									1.6	4.1
ENE	1.1	2.8	2.7	.1								6.7	5.6
E	9.1	11.5	6.7	.8								27.4	5.0
ESE	6.5	7.7	2.4	.4								16.2	4.3
SE	2.9	1.9	1.1	.2								6.1	4.5
SSE	2.4	1.7										4.1	3.5
S	5.2	2.7	.3		.1							8.3	3.3
SSW	.6	1.4	.3									2.4	4.5
SW	.6	1.1	.3									2.0	4.5
WSW	.2	.5	.4									1.7	4.7
W	.8	.8	.1									1.6	4.1
WNW	.9	.2	.1									1.1	3.0
NW	.8	.4										1.2	2.8
NNW	.5	.8	.1	.2								1.6	5.2
VARBL													
CALM												13.9	
	34.3	35.5	4.1	2.2	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL 74-83 YEAR 1974
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	.4									2.7	4.6
NNE	1.1	.3	.2									1.6	3.1
NE	.1	.4	.4									1.9	3.9
ENE	1.2	1.1	.2									3.2	3.5
E	8.6	6.7	4.7	.1								19.4	8.3
ESE	7.3	2.4	.5	.2								10.4	3.3
SE	1.3	1.7	.3									3.9	3.8
SSE	1.7	.9		.1								2.7	3.2
S	3.3	1.3	.1									4.7	3.0
SSW	1.2	.2										1.4	2.8
SW	.9	.4	.1									1.4	3.3
WSW	.4	.4	.1									1.0	3.8
W	1.5	.4	.2									2.2	3.8
WNW	.3	.1										.4	2.5
NW	.4	.1										.5	2.8
NNW	.8	.6										1.4	3.5
VARBL													
CALM												41.2	
	33.7	18.7	6.7	.8								100.6	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22-26 STATION NAME HOMESTEAD AFB FL YEARS 78-83 MONTH JUL
 ALL WEATHER CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.3	.1								3.6	3.7
NNE	.8	.5	.1	.2								1.4	3.6
NE	.9	.5	.3	.0								1.7	4.2
ENE	.7	1.3	1.1	.2								3.5	5.8
E	3.8	6.0	7.4	1.3	.0							18.5	6.9
ESE	3.5	5.3	5.5	1.1	.0							15.4	6.1
SE	1.7	2.7	2.4	.3								7.1	5.7
SSE	1.5	1.8	1.3	.1								4.7	5.2
S	2.1	1.8	1.0	.1	.0							5.2	4.6
SSW	.8	.6	.4	.1								1.9	5.0
SW	.5	.5	.3	.0								1.5	4.7
WSW	.5	.4	.2	.0								1.1	4.3
W	.9	.5	.3	.1								1.8	4.4
WNW	.5	.3	.1									.9	3.5
NW	.7	.4	.1									1.2	3.3
NNW	1.3	.6	.1	.1								2.2	3.5
VARBL													
CALM												28.2	
	22.4	24.7	21.2	3.5	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

022-26 STATION HOMESTEAD AFB FL 74-83 YEARS ALL
DATE
ALL WEATHER
CLAS
0000-0200
HOURS (L.C.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.2										3.4	2.8
NNE	1.7	.5		.1								2.4	3.2
NE	.9	.8										1.6	3.5
ENE	2.1	2.6	.4									5.1	4.1
E	5.2	7.3	4.7	.6								17.8	5.8
ESE	4.1	4.1	2.2									10.2	4.7
SE	1.6	1.1	.3									3.0	3.6
SSE	.5	1.0	.3									1.8	4.6
S	1.2	.4	.1	.1								1.8	3.8
SSW	.1	.3	.1	.1	.1							.8	4.0
SW	.6	.2										.9	2.9
WSW	.7		.1									.3	4.3
W	.4		.1									.5	3.8
WNW	.6	.2										.9	2.1
NW	.9	.2										1.1	2.3
NNW	1.9	.3										2.3	2.2
VARBL													
CALM												46.1	
	24.2	20.2	8.4	1.0	.1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

AUG
MONTH

ALL WEATHER
CLIM

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.8	.2									4.8	3.2
NNE	.0	.3	.1									1.2	3.4
NE	.0	.2										1.2	2.5
ENE	1.3	.9	.9	.1								3.7	4.4
E	3.4	5.9	2.7	.5	.1							12.0	5.3
ESE	3.7	5.5	1.9	.3								11.4	4.7
SE	1.7	1.2	.4	.2								3.5	4.3
SSE	.4	.3										.8	3.4
S	.3	.2	.1	.8								1.8	7.6
SSW	.4	.3		.1								.9	4.0
SW	.3	.1	.2									.6	4.2
WSW	.0	.3	.2									.8	4.7
W	.0	.2										.4	2.8
WNW	.8	.3	.1									1.2	3.4
NW	.9	.1	.1									1.0	3.0
NNW	1.3	.6	.1									2.6	3.0
VARBL													
CALM												52.2	
	2.9	18.4	6.5	2.0	.1							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

022026 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS AUG
ALL WEATHER 5600-7800
CLIM HOURS (L.O.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	2.9										8.1	3.0
NNE	1.7	1.2	.2									2.9	3.2
NE	1.2	.6	.7									1.9	3.4
ENE	1.1	1.5	1.7	.2								3.7	5.4
E	2.5	4.6	3.3	1.7								11.5	5.9
ESE	3.7	5.2	3.9									12.6	5.1
SE	1.2	2.1	1.1	.2								5.3	4.9
SSE	1.1	.8	.3									2.2	4.3
S	1.2	.9	.2	.3								2.6	4.8
SSW	1.1	.5	.2	.3	.1							2.3	5.7
SW	.5	.2	.2									1.1	3.8
WSW	.3		.1									.4	3.5
W	.5	.1	.1									.9	3.3
WNW	.1	.1										.4	2.5
NW	1.3	.3										1.6	2.4
NNW	3.5	.2										3.8	2.3
VARBL													
CALM												39.5	
	27.2	21.0	10.6	2.0	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-26 HOMESTEAD AFB FL

74-83

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1900-1100

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	.2	.1								2.6	4.1
NNE	.5	1.1	.2	.1								2.6	5.1
NE	.9	.9	.5	.3								2.6	5.7
ENE	1.9	2.3	3.4	1.4	.1							9.1	6.9
E	1.7	9.1	14.6	3.2	.1							28.8	7.6
ESE	.1	5.2	9.9	2.4								18.5	7.7
SE	.3	3.1	2.4	.3								6.6	6.4
SSE	.6	3.3	.6	.3								5.3	5.4
S	.6	1.2	1.8	.2								5.3	5.4
SSW	.3	1.1	.9	.6	.1							3.4	7.1
SW	.4	1.7	.3	.1								1.8	5.1
WSW	.3	.4	.1									1.3	3.8
W	.4	.3										.8	3.3
WNW	1.1	.3	.2									1.6	3.3
NW	.5	.5	.2									1.3	4.3
NNW	.3	.8										1.1	3.9
VARBL													
CALM												8.0	
	15.3	31.8	35.5	9.1	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 22 25 HOMESTEAD AFB FL STATION NAME 74-83 YEARS AUG
ALL WEATHER CLASS 1200-1400
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.2									.4	5.1
NNE		.2	.1									.3	6.7
NE	.2	.2	.2	.5								.6	6.8
ENE	.4	1.7	3.4	2.0	.3							.8	9.0
E	1.2	7.4	19.8	7.5	.1							36.0	8.6
ESE	.5	4.1	12.8	2.5								20.0	8.1
SE	.5	2.7	4.7	1.2								7.8	7.6
SSE	.5	2.4	2.5	.4								5.8	6.8
S	.3	2.7	2.7	.5								4.9	7.1
SSW	.1	.9	1.1	.6	.1							2.8	8.5
SW	.9	.8	.8	.5								2.9	6.6
WSW	.7	.3	.5	.1								1.2	6.6
W	.3	.5	.5	.2								1.6	6.4
WNW		.3	.4	.1								.9	7.1
NW	.3	.9	.4									1.6	5.3
NNW	.1	.9	.7									1.3	5.3
VARBL													
CALM												2.3	
	6.6	25.2	49.1	16.3	.5							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH AUG
 CLASS ALL WEATHER MONTHS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.4	.0									2.7	4.5
NNE	.5	.4	.3									1.3	4.8
NE	.8	.4	.4	.3	.1							1.4	6.6
ENE	.7	1.9	4.5	1.6	.2							8.6	8.8
E	1.0	8.5	19.9	5.9	.1							35.4	8.3
ESE	.1	5.2	17.8	.9								17.8	7.4
SE	.7	2.6	4.4	.2								7.6	6.9
SSE	.1	1.2	2.2	.2								3.8	7.5
S	.5	1.4	1.4	.3								3.7	6.6
SSW	.7	1.3	1.2	.8								3.4	7.5
SW	.5	1.0	.8	.2								2.5	6.1
WSW	.5	.5	.4	.1	.1							1.8	5.9
W	.4	.6	.6	.2	.1							2.0	6.6
WNW	.5	.5	.5									1.6	5.1
NW	.7	.5	.2	.1	.1							1.3	7.2
NNW	.7	.3	.9									1.3	6.0
VARBL													
CALM												3.8	
	8.4	26.9	49.4	10.9	.8							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12226 HOMESTEAD AFB FL YEARS 74-83 AUG 1983
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.9	.1									4.0	3.5
NNE	.3	.5	.2	.2								1.3	6.3
NE	.5	1.4	1.2	.3								3.2	6.1
ENE	1.2	3.7	9.7	.9								15.8	6.7
E	9.2	12.7	7.6	1.5								31.1	5.5
ESE	.6	6.5	1.5									14.0	4.1
SE	2.9	2.3	.6									5.3	4.1
SSE	1.7	.6	.1									2.5	3.0
S	1.7	1.2	.4		.1							3.4	4.5
SSW	.4	.1	.6									1.2	6.0
SW	.2	.2	.3									1.3	5.0
WSW	.2	.5	.1									1.4	3.4
W	.9	.2	.1									1.2	3.3
WNW	.4	.3										.8	3.1
NW	1.2	.5	.1									1.6	3.1
NNW	.9	.6	.4									1.9	4.5
VARBL													
CALM												15.2	
	33.8	33.8	18.1	2.9	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12266 STATION HOMESTEAD AFB FL 74-83 YEARS AUG MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KMTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9										2.7	3.0
NNE	.5	.2	.1									.9	3.1
NE	1.3	1.0	.4									3.2	3.9
ENE	1.6	2.3	1.3	.3								5.5	5.5
E	7.5	11.1	6.8	1.3								26.7	5.4
ESE	4.6	3.8	.5	.1								9.0	3.8
SE	1.7	1.1	.2	.1								3.1	3.9
SSE	1.7	.5	.2	.2								2.7	3.9
S	.6	.4	.1	.2								2.8	3.4
SSW	.6	.5										1.2	3.5
SW	.7	.3										.5	3.2
WSW	.5	.1	.1									.9	3.0
W	.8											.8	2.0
WNW	.5	.3		.1								1.0	3.9
NW	.3	.3										1.1	2.5
NNW	.1	.6	.2									1.9	3.6
VARBL													
CALM												36.1	
	28.1	23.4	10.0	2.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72226 HOMESTEAD AFB FL 74-83 YEARS
CLASS ALL WEATHER
CONDITION
AVE 10000 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.4	.2	.3								3.6	3.4
NNE	.8	.5	.2	.1								1.5	4.1
NE	.9	.7	.3	.2	.1							2.1	5.1
ENE	1.7	2.1	2.5	.8	.1							6.8	6.8
E	4.7	8.3	9.9	2.7	.1							24.9	6.8
ESE	7.1	4.9	5.4	.8								14.2	6.1
SE	1.4	1.9	1.7	.3								5.3	5.7
SSE	.9	1.3	.9	.1								3.1	5.8
S	1.2	1.7	.9	.3	.2							3.3	5.5
SSW	.5	.6	.5	.3	.1							2.0	6.8
SW	.3	.5	.3	.1								1.5	5.3
WSW	.5	.3	.2	.2	.2							1.6	6.6
W	.5	.3	.2	.1	.1							1.0	6.6
WNW	.5	.3	.2	.2								1.0	3.9
NW	.7	.4	.1	.2	.0							1.3	3.8
NNW	1.2	.6	.2									2.0	3.5
VARBL													
CALM												25.3	
	26.1	25.1	23.8	5.8	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726 26 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS SEP MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	.1		.1							4.7	3.4
NNE	1.4	.9	.1									2.4	3.5
NE	1.4	.7	.6	.3	.1							3.1	5.5
ENE	2.1	2.1	.7									4.8	4.0
E	5.3	8.1	3.6	.1								17.0	4.7
ESE	3.9	2.8	1.4	.3								8.4	4.6
SE	2.1	1.8	.4									4.3	3.9
SSE	.3	.6	.9	.1								2.3	5.7
S	.6	1.1	.2									1.9	4.4
SSW	.7	.1	.4									1.2	4.5
SW	.8	.1	.2									1.1	3.9
WSW	.7											.7	2.0
W	.6	.1	.1									.8	3.3
WNW	.7	.1	.1									.9	3.1
NW	.7	.1	.1									.9	2.9
NNW	2.2	1.1	.2	.1								3.7	3.4
VARBL													
CALM												41.8	
	26.9	2.9	9.2	1.0	.2							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL YEAR 74-83 SEP DATE
STATION NAME CLASS ALL WEATHER 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	1.9	.2									6.4	3.0
NNE	1.0	.7			.1							1.8	4.0
NE	.9	.2			.1							1.2	4.1
ENE	1.3	1.2	.9		.1							3.4	4.8
E	4.9	4.9	1.7	.9								11.8	4.6
ESE	3.7	1.7	1.9	.1								7.3	4.7
SE	1.3	1.7	.1	.1								3.2	3.9
SSE	1.0	.6	.3	.1								2.0	4.1
S	.7	.7	.9									2.2	5.5
SSW	.2	.4	.1									.8	4.9
SW	.1		.1									.2	5.5
WSW	.3											.3	1.7
W	.3	.1										.4	3.3
WNW	.2		.1									.3	4.0
NW	.4	.1		.2	.1							.9	7.4
NNW	2.9	.8										3.6	2.8
VARBL													
CALM												54.0	
	23.4	14.9	6.2	1.0	.8							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.7	.4									9.4	3.8
NNE	3.2	1.7	.2									4.4	3.1
NE	1.2	.4	.3	.3								2.3	5.1
ENE	1.2	1.6	1.7	.1								3.9	4.9
E	2.2	4.9	3.1	.2								10.4	5.5
ESE	2.9	3.4	2.7	.4								8.8	5.2
SE	1.7	1.7	1.1									4.4	4.7
SSE	.9	1.1	.2	.2								2.4	5.1
S	1.7	1.2	.7									3.2	4.4
SSW	.8	.6	.3									1.7	4.1
SW	.	.2	.3									.7	5.8
WSW	.	.										.1	5.0
W	.3	.1	.1		.1	.1						.8	8.1
WNW	.3				.1							.4	5.8
NW	.4	.1										.6	2.8
NNW	2.3	1.1										3.4	2.9
VARBL													
CALM												42.9	
	24.3	21.2	9.9	1.3	.2	.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	.7	.1								4.8	4.6
NNE	1.5	1.2	1.4									4.2	4.9
NE	.5	1.1	1.3	.7	.1							3.8	7.2
ENE	1.1	3.3	4.3	.9	.1							10.0	7.1
E	2.3	7.1	11.3	1.7	.1							22.4	7.2
ESE	1.2	3.4	6.4	2.3								13.8	7.8
SE	1.2	2.2	3.6	.4								7.4	6.9
SSE	1.2	2.1	2.0	.2								5.4	5.9
S	1.2	2.4	3.2	.7								7.6	6.8
SSW	.5	1.3	1.1	.3								3.3	6.3
SW	1.1	.9	.4	.2								2.6	5.1
WSW	.5	.4	.6		.1							1.7	5.9
W	.3	.8	.2	.1	.2							1.7	6.8
WNW	.7	.4	.2									1.3	4.3
NW	.6	.6	.2									1.3	4.0
NNW	.1	1.1	.1									1.4	4.4
VARBL													
CALM												7.2	
	16.1	30.8	37.6	7.7	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122126 HOMESTEAD AFB FL STATION NAME 74-83 YEARS SEP MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLIM
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.1								1.2	5.4
NNE	.1	1.1	.2	.3								1.8	7.4
NE	.2	.8	.9	1.1	.1							3.1	9.6
ENE	.6	1.8	6.7	3.3								11.7	8.9
E	.3	7.1	17.4	3.4								28.7	8.0
ESE	.7	4.7	9.1	2.7								16.0	8.3
SE	.6	1.6	4.4	.4								7.0	7.6
SSE	.4	1.7	3.8	.4								6.7	7.1
S	.7	2.9	4.6	.9								9.0	7.3
SSW	.6	.8	1.9	.6								3.8	7.5
SW	.7	.6	.4	.2								1.4	6.6
WSW	.1	.3	.1	.2	.1							1.1	6.7
W	.1	.7	.7	.2	.2							1.9	8.5
WNW	.2	.3	.1	.1								.8	5.6
NW	.1	.4	.3									.9	6.0
NNW	.4	.7	.3	.1								1.6	5.8
VARBL													
CALM												3.4	
	6.3	24.9	57.7	14.2	.4							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL STATION NAME 78-83 YEARS SEP
CLASS ALL WEATHER 1500-1700
CONDITION 0000 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	.8	.1								2.7	5.1
NNE	.4	.4	.2	.1								1.2	5.1
NE	.2	.9	1.9	2.0								5.7	8.9
ENE	.3	3.9	5.1	3.1								12.9	8.3
E	1.3	8.7	12.8	3.9								26.8	7.6
ESE	1.3	7.3	5.6	.7								15.1	6.8
SE	1.1	2.7	2.6	.2								6.6	6.2
SSE	1.3	1.8	1.4	.1								4.7	5.8
S	.4	2.2	2.9	.3								5.8	6.7
SSW	.7	.9	1.9	.2								3.1	6.6
SW	.4	.8	1.7	.2	.1							2.6	7.0
WSW	.7	.6	.3	.1	.2							1.4	7.8
W	.2	1.1	.9	.2	.1							2.7	5.9
WNW	.2	.4	.3	.1								1.2	5.5
NW	.2	.2	.4									.9	5.5
NNW	.3	.7	.6	.1								1.7	5.8
VARBL													
CALM												5.4	
	12.1	33.2	37.7	11.6	.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02226 STATION HOMESTEAD AFB FL 74-83 YEARS SEP MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	.1	.2								3.8	4.4
NNE	1.0	1.2	.1	.7								3.0	5.8
NE	1.4	1.1	1.6	.4								6.6	5.8
ENE	2.5	5.2	4.8	.7								13.2	5.9
E	9.3	1.3	5.1	.1								24.8	4.5
ESE	4.3	2.6	.6	.2								7.7	3.6
SE	1.7	1.7	.6									3.9	4.3
SSE	.7	1.0	.4									2.4	5.2
S	2.8	1.2	.3									4.3	3.4
SSW	1.1	.7	.2									2.0	3.9
SW	.7	.2	.1	.2								.9	6.1
WSW	.6	.3	.1	.2								1.2	5.3
W	.3	.7	.2		.1							1.8	5.1
WNW	.9	.3										1.1	2.7
NW	.4	.4	.2									1.1	4.1
NNW	1.1	1.0	.2									2.2	3.9
VARBL													
CALM												20.0	
	31.4	31.0	14.9	2.8	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.1	.1									5.0	3.3
NNE	2.7	1.4	.1	.2								4.8	3.8
NE	.9	1.4	1.1	.6	.1							4.1	6.5
ENE	2.9	3.6	2.3	.2	.1							9.1	5.9
E	8.7	7.1	5.1	.7								21.6	4.7
ESE	3.9	2.7	.7									7.2	3.6
SE	1.1	1.7	.2	.2								3.1	4.8
SSE	1.1	.3		.1								1.4	3.3
S	1.7	1.1	.3									3.1	3.6
SSW	1.1	.1										1.1	2.6
SW	.2	.2		.3								1.4	4.7
WSW	.3	.4	.1									.9	3.8
W	.2	.1										.3	2.7
WNW	.2	.1										.3	3.0
NW	.3	.2										.6	3.0
NNW	1.3	.2										1.6	2.4
VARBL													
CALM												34.7	
	29.8	22.9	10.1	2.3	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.9	.3	.1	.0							4.7	3.8
NNE	1.4	1.0	.3	.2	.0							2.9	4.5
NE	.9	1.1	1.7	.7	.1							3.7	6.9
ENE	1.6	2.8	3.1	1.0	.0							8.6	6.7
E	4.4	7.2	7.5	1.3	.0							20.4	6.1
ESE	2.7	3.5	3.5	.8								10.5	6.1
SE	1.3	1.9	1.6	.2								5.0	5.7
SSE	1.0	1.1	1.7	.2								3.4	5.7
S	1.2	1.6	1.6	.2								4.6	5.8
SSW	.7	.6	.7	.1								2.1	5.7
SW	.5	.4	.3	.2	.0							1.4	5.7
WSW	.4	.3	.2	.1	.1							.9	5.5
W	.4	.5	.2	.1	.1	.1						1.3	6.1
WNW	.4	.2	.1	.0	.0							.8	4.3
NW	.4	.3	.2	.0	.0							.9	4.6
NNW	1.3	.8	.2	.0								2.4	3.6
VARBL													
CALM												26.2	
	21.2	25.1	22.0	5.2	.3	.0						106.0	4.3

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22-26 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS OCT
MONTHS
CLASS ALL WEATHER
HOURS (L.S.T.) 000-0200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	7.0	3.2	.2								14.6	4.9
NNE	1.1	.2	.2	.2								2.4	4.8
NE	1.2	1.7	1.2	.7								5.6	7.7
ENE	.1	3.5	3.0	2.5	.2							11.1	7.8
E	7.8	5.3	4.6	1.2								14.1	6.1
ESE	2.5	1.2	1.2									4.8	4.5
SE	.1	.4	.2									1.0	4.6
SSE	.1	.2										.5	2.8
S	.2	.2										1.1	2.6
SSW	.1											.2	2.5
SW	.1	.1										.3	2.8
WSW	.1	.1										.4	2.5
W	.4	.3										1.1	3.1
WNW	.1	.3		.1								.8	4.7
NW	.1	.5										1.5	2.7
NNW	2.5	3.4	1.2									6.9	4.3
VARBL													
CALM												32.5	
	19.9	25.3	16.2	5.9	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22 26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH OCT
CLASS ALL WEATHER HOURS 0300-0500
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.6	7.2	4.2	.4								18.4	4.7
NNE	.7	.9	1.7	.4								3.1	6.4
NE	.5	.9	2.7	1.4								4.8	8.6
ENE	.7	3.1	3.5	1.4	.2							9.1	7.3
E	.2	3.3	3.0	.4								8.9	5.9
ESE	1.4	1.9	.8	.1								4.2	4.7
SE	.5	.6	.1									1.4	3.8
SSE	.7	.3	.2									.8	4.7
S		.4										.5	4.4
SSW	.7											.2	2.0
SW	.7											.2	1.0
WSW	.3											.3	2.3
W	.4											.4	2.0
WNW	.5	.3	.1									1.0	3.6
NW	.9	.4	.3									1.5	4.1
NNW	3.9	4.4	1.2	.2								9.7	4.4
VARBL													
CALM												35.4	
	10.9	23.9	16.2	4.4	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26 STATION HOMESTEAD AFB FL 74-83 YEARS OCT
ALL WEATHER
CLAS
CONDITION
0600-2800
MOSES (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.4	4.6	.4								22.4	4.8
NNE	2.5	2.3	.9	.4								6.2	4.8
NE	1.1	1.3	2.4	1.2	.3							6.2	4.1
ENE	.3	1.9	3.7	1.5	.1							8.2	4.2
E	1.5	3.5	2.4	1.7								8.4	6.3
ESE	1.5	2.0	.9									4.4	4.7
SE	.5	.5		.1								1.2	4.2
SSE	.5	.2	.1	.1								1.1	4.2
S	.7	.3	.1									.6	4.3
SSW	.7											.2	2.0
SW	.7	.1										.4	2.8
WSW	.0	.1										.2	2.5
W	.5	.1										.6	2.5
WNW	.7	.3										.6	3.5
NW	.1	.6										1.7	3.1
NNW	2.9	4.3	2.3	.4								9.9	5.3
VARBL													
CALM												28.0	
	22.2	27.1	17.2	5.2	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

02726 STATION HOMESTEAD AFB FL 74-83 YEARS OCT MONTH
ALL WEATHER CLASS 1900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	6.2	5.2	2.6								15.4	7.3
NNE	1.0	3.0	3.2	.9	.1							8.2	7.0
NE	.9	1.8	3.8	5.1	.9	.1						12.5	10.5
ENE	1.3	2.4	5.3	7.3	.6							16.9	9.8
E	1.1	3.2	7.2	3.5	.1							15.2	8.6
ESE	.7	1.1	2.9	.9								5.1	8.1
SE	.7	1.4	1.2	.2								3.1	6.4
SSE	.5	.6	1.1	.1								2.4	6.4
S	.3	.5	.8									1.6	5.7
SSW	.9	.1	.5	.1								1.6	5.1
SW	.7	.6	.4									1.3	6.0
WSW	.3	.8										1.1	3.7
W	.5	1.0	.4									2.3	5.3
WNW	.5	.6	.2	.1								1.5	4.9
NW	.4	.5	.2	.2								1.4	5.7
NNW	1.5	1.2	2.4	.9								6.0	6.7
VARBL													
CALM												4.6	
	11.6	25.2	34.9	21.8	1.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722226 STATION 722226 HOMESTEAD AFB FL 74-83 YEAR OCT MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	1.6	1.7	.1							5.4	8.6
NNE	.2	.5	1.2	1.0	.1							3.1	9.8
NE	.7	1.7	2.8	7.5	1.5	.3						12.9	12.7
ENE	.1	2.5	7.6	9.9	1.4	.1						21.7	11.1
E	.7	4.5	13.3	6.2	.3							29.7	9.0
ESE	.3	2.9	4.3	1.7								8.5	7.7
SE	.3	.9	1.3	.2								2.6	7.0
SSE	.1	1.1	1.1	.3								2.6	6.8
S	.3	.6	1.3	.2								2.5	7.1
SSW	.7	.3	1.7	.2								1.8	7.1
SW	.4	.3	.5	.3								1.6	6.7
WSW		.4	.4	.1								1.0	7.8
W		1.5	.0	.1								2.5	6.7
WNW	.5	.5	.3									1.4	5.0
NW	.6	.8	1.7	.2								2.6	6.2
NNW	.3	1.8	.9	.6								4.1	6.7
VARBL													
CALM												1.2	
	5.2	21.1	39.0	29.7	3.8	.8						130.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22 26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH OCT
ALL WEATHER CLIM 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	1.7	1.0								4.7	7.6
NNE	.1	.8	1.7	1.4	.1							3.3	10.2
NE		.6	4.2	4.0	1.6							15.5	12.3
ENE	.4	4.1	11.8	8.6	.3	.1						24.3	9.6
E	1.1	6.5	12.4	2.4								22.3	7.7
ESE	.2	2.3	7.3									6.8	6.2
SE	.1	1.3	1.7									2.9	6.0
SSE	.3	1.6	1.2									3.1	6.2
S	.3	1.1	1.1	.1								2.5	6.4
SSW		1.1	1.2	.1								2.3	7.1
SW	.4	.8	.9									2.0	5.9
WSW	.2	.4	.3									1.0	5.8
W	.4	1.1	.5									2.0	5.2
WNW		.4	.6									1.1	6.9
NW	.5	.6	.3	.1								1.6	5.6
NNW	.6	.9	1.7	.3								3.5	6.8
VARBL													
CALM												1.6	
	6.5	24.6	42.2	23.0	2.0	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS OCT
CLASS ALL WEATHER 1950-2000
CONDITION MOVIE (L.G.V.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.9	2.7	.4	.1							7.2	5.8
NNE	.9	2.8	2.7	1.1								7.4	7.3
NE	1.4	5.5	6.7	4.4	.6							18.6	8.6
ENE	2.6	7.5	5.8	2.8	.2							18.9	6.9
E	5.7	6.3	4.9	.4								17.4	5.2
ESE	2.2	.5	.3	.1								3.1	3.5
SE	.5	.4	.2									1.3	4.4
SSE	1.4	.2										1.6	2.3
S	1.5	1.2										2.8	3.0
SSW	.3	.6										1.4	3.5
SW	.7	.4	.1									.9	3.9
WSW	.3	.3										1.1	3.2
W	.8	.8	.3									1.8	4.8
WNW	.5	.3	.1	.1								1.1	4.6
NW	.7	.4	.3									1.0	5.2
NNW	.5	.9	.3									1.7	4.6
VARBL													
CALM												12.7	
	21.9	31.2	23.9	9.8	1.0							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22 26 HOMESTEAD AFB FL STATION NAME 74-83 YEARS OCT
DATE
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.7	3.5									11.9	5.3
NNE	1.2	2.5	1.5	.4	.1							5.7	6.1
NE	1.2	2.4	2.5	2.2	.3							8.5	8.1
ENE	7.1	4.4	5.6	2.8	.4	.1						16.5	7.7
E	3.4	6.4	5.7	1.7	.1							17.3	6.0
ESE	1.5	1.1	.5									3.2	4.2
SE	1.7	.8										1.7	3.4
SSE	.3	.1										.4	2.0
S	.4	.1										.5	2.4
SSW	.5											.6	2.0
SW	.5											.6	2.0
WSW	.6	.2										.9	2.9
W	.8	1.7	.1									1.8	3.8
WNW	.9	.4	.1									1.4	3.2
NW	.4	.3										.8	3.4
NNW	1.9	1.7	.4									4.1	3.8
VARBL													
CALM												24.0	
	21.2	27.4	20.0	6.3	1.0	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22-26 STATION HOMESTEAD AFB FI 74-83 YEARS OCT
STATION NAME CLASS ALL
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	3.2	5.2	3.2	.8	.0							12.5	5.7
NNE	1.0	1.7	1.5	.7	.1							4.9	6.9
NE	.9	1.9	3.2	4.1	.7	.1						10.7	10.0
ENE	1.3	3.7	5.8	4.6	.4	.2						15.8	8.8
E	2.3	4.9	6.7	2.7	.1							16.0	7.1
ESE	1.1	1.6	1.8	.3								5.6	5.9
SE	.5	.8	.5	.1								1.8	5.8
SSE	.5	.6	.5	.1								1.6	5.3
S	.5	.6	.4	.0								1.5	5.0
SSW	.4	.3	.3	.1								1.0	5.3
SW	.4	.3	.2	.0								1.0	5.0
WSW	.3	.3	.1	.7								.7	4.2
W	.5	.7	.3	.7								1.6	8.8
WNW	.5	.4	.2	.2								1.1	8.6
NW	.6	.5	.3	.1								1.5	8.7
NNW	1.8	2.3	1.3	.3								5.7	5.2
VARBL													
CALM												17.5	
	16.7	25.7	26.2	13.2	1.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

YEARS

NOV

1975

ALL WEATHER

CLASS

0300-0500

LOCAL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.2	8.3	5.3	1.0								21.6	5.1
NNE	1.1	.9	.1									2.1	3.6
NE	.4	.6	.3	1.0	.2							2.9	8.9
ENE	.9	1.7	2.9	1.7								6.4	7.2
E	1.3	4.3	5.7	1.3								12.0	6.9
ESE	3.0	3.9	2.8									9.7	5.1
SE	1.1	.2										1.3	2.5
SSE	.0											1.0	2.1
S	.1	.3										.6	4.0
SSW	.5	.6										.9	3.1
SW	.1	.1	.2									.4	5.5
WSW	.1											.1	2.0
W	.9											.9	2.1
WNW	.9	.3										1.2	3.0
NW	.7	.6	.2									1.4	3.8
NNW	4.1	4.0	2.3	.6								11.0	5.1
VARBL													
CALM												26.4	
	23.1	25.8	19.7	4.9	.1							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION 122-26 HOMESTEAD AFB FL 74-83 YEARS NOV 1974
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	7.0	4.6	1.3								18.9	5.3
NNE	1.3	.6	.9									2.7	4.4
NE	.6	.7	1.2	.9	.1							3.3	8.5
ENE	.9	1.7	4.4	1.2								8.2	7.8
E	1.1	5.1	6.7	1.1								15.7	6.6
ESE	1.2	4.0	2.7	.1								7.3	5.6
SE	.7	.9	.7									1.7	4.1
SSE	.5	.7										1.2	3.7
S	.3	.2	.1									1.1	3.4
SSW	.7											.3	3.0
SW	.4	.1										.6	2.6
WSW	.6	.2										.8	3.1
W	.3	.2										.6	3.2
WNW	1.2	.2										1.4	2.5
NW	1.4	.4	.1									2.0	3.1
NNW	2.0	3.3	2.6	.3								8.2	5.6
VARBL													
CALM												26.0	
	21.4	25.2	22.1	4.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26 STATION HOMESTEAD AFB FL 74-83 YEARS NOV
STATION NAME CLASS 1900-1900
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	6.8	6.8	6.3	.2							21.4	8.6
NNE	1.3	3.0	3.1	.9								8.2	6.8
NE	.2	1.1	.2	1.0	.3							4.4	7.9
ENE	.4	1.1	3.8	7.1	.8							13.2	11.0
E	.7	2.3	8.1	6.9								17.7	9.7
ESE	.6	1.3	5.3	2.1								9.3	8.7
SE		1.1	2.2	1.1								5.1	6.7
SSE	.2	.8	2.1	.3								3.4	7.4
S	.3	.0	.7	.2								2.1	6.5
SSW	.2	.1	.6									.9	5.6
SW	.2		.3									.6	5.8
WSW	.2	.3	.6									1.1	6.9
W	.3	.6	.3									1.2	5.8
WNW	.3	.8	.3	.1								1.6	5.5
NW	.1	.4	.4									1.3	5.5
NNW	.3	1.4	2.4	1.1	.1	.1						5.9	8.5
VARBL													
CALM												2.7	
	7.2	22.4	38.9	27.2	1.4	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72226 STATION HOMESTEAD AFB FL 74-83 YEARS NOV MONTH
ALL WEATHER CLASS 0600-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.6	10.2	7.6	2.3								27.7	5.8
NNE	1.3	.7	.9									3.2	4.1
NE	.9	.7	1.2	.8								3.4	7.6
ENE	.9	1.2	2.4	2.1								6.6	8.5
E	2.7	4.1	6.7	.8								12.9	6.6
ESE	1.8	2.2	2.2	.1								6.3	5.6
SE	1.0	1.4	.5									3.0	4.7
SSE	.3	.4	.1									.9	4.5
S	.9	.3										1.2	2.7
SSW	.1											.1	2.0
SW	.2	.2										.4	3.8
WSW	.2	.2										.4	3.3
W	.6	.1	.2									.9	4.3
WNW	.7	.3										1.0	3.4
NW	.1	.3	.1									.6	4.4
NNW	2.7	2.8	1.4	1.7	.1							8.0	6.0
VARBL													
CALM												23.3	
	21.4	25.3	22.7	7.1	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12226 STATION NAME HOMESTEAD AFB FL CLASS 74-B3 YEARS MONTH NOV DATE 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	4.4	4.1								15.1	9.8
NNE	.1	1.1	2.1	1.2								4.6	8.9
NE		.6	2.3	4.2	.3							7.4	11.7
ENE		1.0	7.8	9.9	1.4							20.1	11.5
E	.3	2.4	13.7	6.8	.1							22.7	9.5
ESE	.2	2.7	4.3	2.0								8.6	8.7
SE	.2	1.3	3.4	.4								5.4	7.8
SSE	.1	.6	2.2	.3								3.2	8.4
S	.4	.8	2.2	.6								4.0	7.8
SSW	.3	.1	.4									.9	6.0
SW	.1	.7	.4	.1								1.3	6.8
WSW	.3	.3	.6									1.2	5.6
W	.4	.8	1.1	.2								2.6	6.5
WNW	.7	.7	.4									1.8	4.9
NW	.2	.8	1.7									2.0	6.6
NNW	.1	.4	1.6	1.4	.1							3.7	9.9
VARBL													
CALM												.4	
	4.8	14.8	47.4	31.3	2.0							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122 26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH NOV
CLASS ALL WEATHER MONTHS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.7	1.9	.1							6.4	9.8
NNE	.2	.7	2.7	.9								3.8	8.8
NE	.1	1.0	5.1	5.6	.6							12.3	10.8
ENE	.4	3.1	10.7	7.4	.1							21.8	9.6
E	1.4	6.1	11.7	3.4	.1							22.7	7.9
ESE	.7	2.4	3.4	.4								7.3	6.8
SE	.7	1.7	2.2	.2								4.1	6.8
SSE	.6	1.2	1.7	.1								3.6	6.8
S	.2	1.7	2.3									4.2	6.7
SSW	.1	.6	.4									1.7	5.7
SW	.1	.4	.2	.1								.9	6.9
WSW		.2	.1	.1								.4	7.0
W	.2	.9	.8	.1								2.0	6.1
WNW		.1	.3	.1								.6	6.1
NW	.3	.7	.4	.3								1.8	6.8
NNW	.9	1.7	2.1	.4								5.0	6.8
VARBL													
CALM												.4	
	6.1	23.9	47.9	21.2	.9							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22 26 HOMESTEAD AFB FL STATION NAME 74-83 YEARS NOV
MONTH 1800-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.1	4.4	3.7	1.6	.1							12.6	6.8
NNE	1.1	3.7	1.7	.4								6.3	5.6
NE	1.7	4.2	3.7	1.3								11.1	6.7
ENE	2.7	5.6	5.3	1.8	.3							15.7	6.9
E	5.1	6.1	5.3	.9	.1							17.6	5.5
ESE	2.1	1.1	.1	.1								3.2	3.6
SE	2.3	.8	.1									3.2	2.9
SSE	1.1	.6										1.9	2.9
S	1.2	1.2										3.0	3.1
SSW	.1	.6	.1									.8	4.7
SW	.6	.3	.1									1.0	3.4
WSW	.6	.4		.1								1.1	4.1
W	.7	1.4	.7									2.6	4.4
WNW	.7	1.3										2.0	3.6
NW	.4	.2	.7									1.0	5.2
NNW	.1	2.1	.4	.7								3.8	4.9
VARBL													
CALM												13.2	
	25.4	33.9	27.4	6.4	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122 26 STATION NAME HONESTEAD AFB FL 74-83 YEARS NOV 2100-2300
DATE MONTH YEAR

ALL WEATHER
CLIM

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	6.2	5.1	1.0		.1						16.8	5.9
NNE	1.9	1.4	.9	.4								4.6	5.3
NE	1.1	1.6	1.9	1.1								5.7	7.0
ENE	1.2	3.0	4.0	1.7	.2							10.6	7.5
E	4.2	5.2	6.8	2.7	.1							18.3	6.5
ESE	2.2	1.7	1.2	.3								5.4	5.0
SE	1.1	.7	.1									1.9	2.9
SSE	.2											.9	2.4
S	1.0	.3	.1									1.4	3.2
SSW	.1											.1	3.0
SW	.4	.2										.7	2.8
WSW	.1	.1										1.1	2.9
W	1.8	.7										1.7	3.3
WNW	.7	.8										1.4	3.3
NW	.9	.4										1.2	3.0
NNW	2.9	1.3	1.7	.3								6.1	5.1
VARBL													
CALM												22.2	
	25.1	23.7	21.7	6.9	.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722-26 STATION HOMESTEAD AFB FL 74-83 YEARS NOV MONTH
ALL WEATHER CLASS ALL MONTH (L & T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	5.6	5.1	4.8	.1	.0						16.9	6.6
NNE	.1	1.5	1.3	.5								4.4	6.3
NE	.7	1.3	2.2	2.7	.2							6.3	8.9
ENE		2.3	5.7	4.7	.4							12.8	9.1
E	.2	4.5	7.8	2.9	.1							17.4	7.5
ESE	1.7	2.3	2.7	.7								7.2	6.5
SE	.0	.9	1.2	.2								3.2	6.0
SSE	.5	.5	.8	.1								2.0	5.8
S	.7	.7	.7	.1								2.2	5.5
SSW	.7	.2	.2									.7	4.9
SW	.7	.3	.9	.7								.7	5.0
WSW	.4	.2	.2	.7								.8	4.6
W	.5	.6	.3	.7								1.5	4.8
WNW	.5	.7	.1	.7								1.5	4.1
NW	.5	.5	.3	.7								1.4	4.9
NNW	1.7	2.1	1.9	.7	.7	.0						6.5	6.2
VARBL													
CALM												14.3	
	16.7	24.3	37.1	13.7	.7	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122-26 STATION NAME HOMESTEAD AFB FL YEARS 74-83 DEC 000-0200 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	6.3	5.1	2.2								18.2	6.1
NNE	.7	1.0	.1									1.9	3.6
NE	.9	.5	.6	.2	.1							2.4	6.2
ENE	.3	1.1	1.2	1.1								4.1	7.5
E	1.5	2.8	3.1	2.6	.1							10.2	7.9
ESE	1.5	3.2	2.0	1.1								8.7	6.6
SE	.0	1.1	1.6									3.4	5.6
SSE	.9	1.1	.2	.1								2.3	4.5
S	1.5	.6	.3									2.5	3.7
SSW	.7	.1										.4	2.8
SW	.5	.3	.3									1.0	5.6
WSW	.7	.2	.1									.5	3.8
W	.7		.1	.1								.8	8.8
WNW	.1	.4	.1	.1								1.7	3.6
NW	.8	1.1	.5									2.4	4.6
NNW	.0	3.7	3.3	1.2								11.2	6.1
VARBL													
CALM												28.4	
	19.6	23.4	19.8	8.6	.2							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122-26 STATION HOMESTEAD AFB FL 74-83 YEARS DEC
MONTHS
ALL WEATHER
CLAS
0300-0500
0000 (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.7	8.4	8.7	1.8								21.6	5.5
NNE	.4	.6	.1	.1								1.3	4.3
NE	.5	.2	.5	.4								1.4	9.1
ENE	.5	.2	1.3	.5								2.6	7.7
E	.9	2.8	4.3	1.6								9.6	7.7
ESE	1.4	3.4	2.7	.4								7.3	5.6
SE	1.4	1.7	.6									3.8	4.5
SSE	.1	.8	.5	.1								2.5	4.8
S	.1	1.2	.6									2.9	4.5
SSW	.4	.5	.3									1.3	4.8
SW	.3											.3	1.7
WSW	.7	.2										.4	3.8
W	.4	.1	.2									.8	5.0
WNW	.7	.3	.1									.8	4.3
NW	.7	.3	.5	.2								2.0	5.4
NNW	2.8	3.8	3.8	1.3								11.6	6.2
VARBL													
CALM												29.9	
	19.1	24.6	19.9	6.6								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 122 26 HOMESTEAD AFB FL YEAR 74-83 MONTH DEC
STATION NAME CLASS ALL WEATHER HOURS 0600-0800
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.2	9.1	5.4	2.5								23.2	5.8
NNE	1.9	1.4	.2									3.4	3.5
NE	.3	.3	.6	.3								2.0	6.3
ENE	.1	.2	1.4	.5								2.3	9.2
E	1.7	2.8	4.2	1.6								10.3	7.2
ESE	.8	1.9	2.3	.6								5.6	6.7
SE	1.4	1.4	.5									3.3	4.2
SSE	1.5	.2										1.7	2.2
S	1.4	1.4	.5									3.3	4.3
SSW	.6	.5	.3	.1								1.6	5.0
SW	.5	.2	.2	.2								1.2	6.0
WSW	.4	.3										.8	3.4
W	.7	.1	.1									.5	4.0
WNW	.5	.2										.8	2.6
NW	.5	.8	.3	.2								1.9	5.6
NNW	1.9	3.9	3.9	1.1								10.8	6.4
VARBL													
CALM												26.8	
	21.2	24.2	20.0	7.2								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

122 26 STATION HOMESTEAD AFB FL 74-83 YEARS DEC 1960-1969
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.6	8.9	4.9	.1							21.3	8.1
NNE	1.5	3.3	2.7	.3								7.2	5.8
NE	1.3	.6	.6	1.8	.1							4.5	8.4
ENE	.3	1.7	2.2	1.7	.5							4.9	9.5
E	.5	2.5	7.3	4.8								15.3	9.3
ESE	.5	2.2	3.7	2.4	.1							8.9	8.7
SE		1.4	1.9	.8								4.1	8.0
SSE	.3	.9	2.7	.3								3.5	7.7
S	.9	1.8	2.3	1.1								5.6	7.6
SSW	.4	.3	1.3	.9								2.9	8.7
SW		.3	.4	.1	.1							1.0	8.8
WSW	.4	.3	.5		.1							1.4	6.8
W	.9	.6	.4	.1								2.0	4.7
WNW	.7	.3	.4									1.0	5.9
NW	.5	.9	1.7	.8								3.1	7.4
NNW	.4	2.5	3.8	1.5								8.2	7.9
VARBL													
CALM												5.1	
	9.8	24.5	38.8	20.8	1.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

122-26 STATION HOMESTEAD AFB FL 74-83 YEARS DEC MONTH
ALL WEATHER CLAIM 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	4.2	4.0	.3							10.3	9.8
NNE	.4	1.4	2.6	1.3								5.7	8.3
NE	.2	.8	2.7	2.8	.1							5.9	10.5
ENE	.7	1.6	3.1	3.2	.4	.1						8.8	14.2
E	.7	3.1	17.9	6.2	.5							21.6	9.3
ESE	.3	.3	4.4	3.2	.3	.1						9.1	10.2
SE	.7	1.6	2.8	1.3								5.9	8.3
SSE	.7	1.3	1.2	1.1								3.8	8.3
S	.1	.9	1.5	.8								3.2	8.4
SSW		.9	2.5	2.2	.1							5.6	9.8
SW		.6	1.7	1.7								3.3	9.1
WSW		.8	.3	.6								1.7	8.2
W	.1	.8	1.2	.5								2.3	8.8
WNW	.2	.2	.8	.5								1.7	9.1
NW	.2	.4	2.8	.5	.1							4.1	8.3
NNW	.3	1.3	1.9	1.9	.4							5.9	9.6
VARBL													
CALM												1.0	
	4.4	17.8	43.4	31.2	2.8	.2						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 72226 HOMESTEAD AFB FL STATION NAME 74-83 YEARS DEC 2007
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	3.7	2.6	.2							8.1	9.5
NNE		.5	3.3	1.6	.2							4.7	9.9
NE	.5	1.2	3.0	3.0								7.7	9.4
ENE	.3	1.7	5.4	3.2	.4							11.1	9.5
E	1.4	6.3	10.3	3.8	.2							22.5	7.8
ESE	.1	3.5	3.2	.9								8.7	6.8
SE	.1	2.4	2.2	.8								5.4	7.2
SSE	.1	1.3	2.4	.5								4.3	7.7
S	.1	1.7	1.6	.4								4.1	7.0
SSW		.9	3.1	.5								4.5	8.4
SW	.2	.4	1.4	.6	.1							2.8	8.8
WSW	.3	.2	.6	.5								1.7	8.4
W	.1	.6	.4	.9								2.0	9.1
WNW	.2	.5	1.2	.8	.1							2.8	8.7
NW		.1	1.1	.3								2.4	7.5
NNW	.5	1.5	2.7	1.6								6.3	8.4
VARBL													
CALM												.9	
	6.1	25.3	44.5	22.0	1.3							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12426 STATION NAME HOMESTEAD AFB FL YEARS 74-83 MONTH DEC
CLASS ALL WEATHER PERIOD 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.8	4.1	2.2								12.4	7.3
NNE	.6	2.2	1.3	.1								4.2	5.7
NE	1.7	3.1	2.6	.9								8.3	6.4
ENE	.7	3.5	1.8	1.4								9.8	5.8
E	4.3	4.1	4.5	1.8								14.7	6.2
ESE	2.2	1.4	.9	.4								5.3	4.9
SE	1.4	.9	.4	.2								2.9	4.6
SSE	1.5	1.1	.7									2.7	3.6
S	1.8	1.1		.1								3.0	3.4
SSW	1.4	1.4	.1									2.9	3.6
SW	1.2	.9	.7									2.3	4.0
WSW	.1	.5										.6	4.2
W	.8	1.5	.3	.1								2.7	4.9
WNW	.8	.9	.7	.2								2.0	5.1
NW	.5	.9	.2	.3								1.9	6.0
NNW	1.9	2.9	.8	.4	.1							6.0	5.3
VARBL													
CALM												18.3	
	24.4	31.4	17.6	8.2	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722 26 STATION HOMESTEAD AFB FL 74-83 YEARS DEC 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.8	6.1	1.7								16.2	6.7
NNE	.7	1.2	.6	.3	.1							3.1	6.0
NE	.1	1.3	1.1	.6								4.1	6.7
ENE	.1	1.6	1.7	.9	.1	.1						5.4	7.5
E	2.3	3.5	5.2	2.8	.1							14.4	7.4
ESE	1.3	1.9	1.2	.8								5.2	6.0
SE	1.3	.3	.5									2.2	4.2
SSE	1.3	.5	.1									1.9	3.2
S	.9	.6	.3									1.7	4.3
SSW	.5	.4	.2									1.3	3.8
SW	.4	.5										1.0	3.7
WSW	.4											.4	1.8
W	.9	.8		.1								1.6	4.0
WNW	.9	1.8	.1									2.8	4.3
NW	.9	1.5		.2								2.6	4.6
NNW	1.7	3.0	2.6	.4								7.7	6.0
VARBL													
CALM												28.4	
	18.6	24.9	19.8	7.8	.3	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12226 HOMETEAD AFB FL 74-83 YEARS DEC
STATION STATION NAME CLIM
ALL WEATHER
CLIM
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.3	5.3	2.7	.1							16.4	7.0
NNE	.4	1.5	1.2	.5	.2							4.0	6.8
NE	.3	1.1	1.4	1.3	.2							4.5	8.1
ENE	.3	1.4	2.3	1.5	.2	.2						6.1	8.4
E	1.4	3.5	6.2	3.2	.1							14.8	8.0
ESE	1.1	2.4	2.6	1.2	.1	.2						7.4	7.2
SE	.2	1.3	1.3	.4								3.9	6.2
SSE	.2	.9	.8	.3								2.8	5.9
S	.9	1.2	.9	.3								3.3	5.8
SSW	.5	.6	.7	.5	.2							2.6	7.2
SW	.4	.4	.5	.2	.2							1.6	6.9
WSW	.3	.3	.2	.1	.2							1.0	6.3
W	.5	.5	.3	.2								1.6	6.0
WNW	.5	.6	.4	.2	.2							1.7	5.8
NW	.5	.9	.8	.3	.2							2.6	6.8
NNW	1.6	2.8	2.8	1.2	.1							8.5	6.8
VARBL													
CALM												17.3	
	15.1	24.6	28.7	14.0	.7	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22-26 HOMESTEAD AFB FL STATION NAME 74-84 YEAR 1974
CLASS ALL WEATHER MEAN WIND SPEED ALL
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.2	2.5	.0	.0	.0						9.0	6.1
NNE	.9	.9	.7	.3	.7	.0						2.7	5.9
NE	.4	.8	1.1	1.1	.2	.0						3.9	8.6
ENE	1.2	1.9	3.1	2.1	.2	.0						8.2	8.5
E	2.5	5.0	7.0	2.7	.1	.0	.7					17.2	7.3
ESE	2.0	3.1	3.9	1.1	.0	.0						9.9	6.6
SE	1.1	1.8	2.0	.5	.0							5.3	6.5
SSE	.0	1.2	1.4	.4	.0							4.0	6.3
S	1.3	1.9	1.9	.4	.0	.0						4.5	6.0
SSW	.6	.5	.7	.4	.0	.0						2.4	6.7
SW	.5	.5	.4	.2	.0	.0						1.6	6.5
WSW	.5	.4	.3	.2	.0	.0						1.3	6.1
W	.7	.7	.6	.3	.0	.0						2.4	6.3
WNW	.6	.6	.4	.2	.0	.0						1.8	5.8
NW	.4	.6	.5	.1	.0							1.8	5.5
NNW	1.4	1.6	1.2	.5	.0	.0						4.7	5.9
VARBL													
CALM												19.3	
	17.3	24.3	27.0	11.3	.8	.1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 87667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 12226 HOMESTEAD AFB FL STATION NAME YEARS 74-84

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CONDITION
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.6	11.5	1.2	.3	.1						29.6	9.3
NNE	.6	1.1	.9	1.9	.3							9.8	9.3
NE	.7	.2	.9	.8	.2							2.2	10.0
ENE	.7	.3	.6	1.1								2.4	9.5
E	.4	.9	1.5	1.7	.5							4.4	9.6
ESE		.7	.8	.8	.2							2.4	10.2
SE	.5	.7	1.7	.7	.1							2.7	8.6
SSE	.3	.8	.9	.8								2.8	7.9
S	.7	.7	1.2	1.7	.2							3.8	9.0
SSW	.7	.8	.4	.4	.1							2.4	7.0
SW	.9	.3	.4	.4	.2							2.1	7.2
WSW	.7	.6	.8	.5	.2							3.0	7.7
W	.7	1.2	2.3	.5	.1	.1						5.1	7.5
WNW	.5	1.7	.4	.3	.3							2.6	6.9
NW	.7	1.4	1.3	.8	.3							4.4	7.8
NNW	1.9	5.0	5.7	3.1	.3	.1						15.2	7.8
VARBL													
CALM												10.4	
	1.9	21.2	37.0	24.2	3.0	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1169

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLE: FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CLIMATE DIVISION
AFMPC
AFMPC

CEILING VERSUS VISIBILITY

STATION NAME WHEATFIELD AFB, FL

75-84

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1959

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING		72.6	73.4	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.5
≥ 20000		75.5	76.3	76.6	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.5
≥ 18000		75.8	76.7	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.8
≥ 16000		75.8	76.7	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.8
≥ 14000		76.1	77.0	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.2
≥ 12000		77.2	78.1	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.4
≥ 10000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 9000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 8000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 7000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 6000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 5000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 4500		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 4000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 3500		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 3000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 2500		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 2000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1800		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1500		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1200		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1000		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 900		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 800		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 700		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 600		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 500		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 400		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 300		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 200		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 100		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 0		77.6	78.5	81.5	81.8	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9

TOTAL NUMBER OF OBSERVATIONS 100

2

Abstract

74-83

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 FCMESTAD AFB FL

74-83

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point													
1 / 81																						11	11										
6 / 87																						49	49										
16 / 85																						94	94										
24 / 83																						196	196										
5 / 81																						468	468										
6 / 77																						752	752										
7 / 77																						1031	1031	53	3								
16 / 75																						1192	1192	199	39								
74 / 71																						1103	1109	566	135								
7 / 71																						946	947	1086	381								
7 / 69																						536	540	1469	738								
6 / 67																						319	310	1190	1073								
16 / 65																						200	200	1015	1118								
4 / 61																						125	125	653	977								
7 / 61																						73	73	436	782								
7 / 59																						51	51	230	617								
7 / 57																						22	22	116	427								
5 / 55																						10	10	31	390								
14 / 53																						7	7	40	191								
12 / 51																						2	2	16	118								
5 / 47																								20	79								
4 / 47																								10	43								
8 / 45																									7								
14 / 43																									21								
10 / 41																									0								
4 / 37																									11								
3 / 37																									17								
7 / 35																									7								
3 / 33																									5								
1 / 31																									1								
TOTAL	.3	5.6	15.6	23.6	23.6	17.7	8.2	3.6	1.1	.4	.1	.0										7189	7199		7189								
Element (X)	Σ X'			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature					Total												
Rel. Hum.	353 2576			496 396			69.0 11.992			7189			≥ 8 F			≥ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	4 216 112			536 746			74.6 5.234			7199									671.0			490.4			118.5						72.2		
Wet Bulb	329 363			485 486			67.5 4.613			7189									457.3			82.2									120		
Dew Point	291 402 69			455 733			63.4 5.897			7189									237.3			17.7									72.9		

FORM 0-26-5 (GLA) REVISED PERIODIC BRANCH OF THE PUBLICATIONS
USAFETAC

2

YEARS MONTH

HOMESTEAD AFB FL

74-83

STATION NAME

YEARS

PLS

PAGE : 0000-0200
HOURS (L. S. T.)

USAFETAC
FOCUS
0-20-5 (OL A)
SERVING NERVOUS MEMBERS OF THE FORCE AND OBSOLETE

PSYCHROMETRIC SUMMARY

722 24 HOMESTEAD AFB FL
STATION STATION NAME

79-83

YEARS

1000

PAGE : C30G-0500

[illegible]

2.

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

2600-0800
000000 (C. S. T.)

USAFETAC FORM 0-20-5 (OLA)
28 JAN 1970
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAINTENANCE

PAGE 1 79CC-1160
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
87						.1			.1									2	2					
86					.2	2.7	.8	.6	.1									11	11					
85				.1	3.6	5.9	2.2	.3	.1									68	68					
84			.1	3.6	5.1	5.9	2.2	.3	.1									123	123					
83		.1	.2	4.3	12.5	6.7	2.3	.2	.1									246	247					
82		.3	.3	4.7	8.3	6.1	2.7	.8										220	220	15	1			
81		.1	.3	2.6	2.0	2.0	2.4	.3										107	107	91	9			
80		.3	1.4	.5	.9	.5	1.1	.1										46	86	172	61			
79		.3	1.4	.2	.1	.3	.3											25	25	271	103			
78		.2	.4	.1	.1													8	8	154	181			
77		.2																7	2	109	203			
76		.1																1	1	74	126			
75																				35	62			
74																				17	60			
73																				2	44			
72																					31			
71																					18			
70																					5			
69																					1			
68																					2			
TOTAL		1.7	4.7	16.3	37.2	25.4	11.7	2.5	.4										929	93	929			
							</																	

2

MAY
MONTH

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 85									.1	.1								2	2																	
2 / 85							.4	.5	.5									19	19																	
3 / 87					.2	2.0	1.6	1.1	.3	.2	.1							52	52																	
4 / 85				.4	4.7	9.3	2.7	1.1	.6	.6								172	172																	
5 / 93			.2	2.7	7.2	9.7	3.8	.5	.3	.2								229	229																	
6 / 85		.1	.3	2.0	9.2	6.4	2.8	1.5	.2	.1								218	218																	
7 / 79			.1	2.2	3.6	4.7	3.1	.2										135	135	26																
8 / 77			.4	1.4	1.0	.9	2.2		.1									60	62	116	8															
9 / 75		.1	1.1	.5	.1	.1												19	20	207	54															
10 / 73			.5	.2														7	7	266	119															
11 / 71		.5	1.2															16	16	135	199															
12 / 69																				98	212															
13 / 67																				61	121															
14 / 65																				17	68															
15 / 63																				2	56															
16 / 61																					39															
17 / 59																					35															
18 / 57																					11															
19 / 55																					3															
20 / 53																					1															
TOTAL		.9	4.5	10.9	26.0	32.5	16.7	5.1	2.3	1.2	.1							928	937	928	928															

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3939062	59826	68.5	9.818	928	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	6317809	76587	82.4	3.337	928			93.0	91.8	77.5		93
Wet Bulb	5003473	68099	73.4	3.078	928			91.3	61.6	.5		93
Dew Point	6833825	68019	69.0	8.388	928			73.5	18.1			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

YEARS

122 24	MCMESTEAD AFH FL
STATION	STATION NAME

79-13

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.S./W.S.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
93								.1	.1									2	2					
91									.1	.1								2	2					
89								.3	.4									8	3					
87					.3	.4	1.4	1.1	.4	.2								40	40					
85				.4	2.2	3.0	2.5	1.3	.5	.7	.1							96	96					
83				2.0	3.2	6.9	2.4	.6	.1		.1							189	189					
81			.3	5.4	9.3	6.7	1.0	1.0		.1								216	216					
79		.3	4.4	4.4	5.7	5.7	3.1	.9										151	191	13				
77		.2	1.4	2.7	2.9	1.0	2.2											16	106	66				
75		.6	2.9	1.2	.6	.2	.4											49	49	202				
73		.3	.4	.6														15	15	280				
71		.8	.6															13	13	163				
69		.1	.2															3	3	117				
67																				55				
65																				27				
63																				1				
61																								
59																								
57																								
55																								
53																								
51																								
TOTAL	7.2	6.2	16.8	28.2	25.2	13.0	5.3	1.7	.8	.2								930	930	930				

Element (X)	Σx'	Σx	Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	917117	61679	66.310	190	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6196348	75536	81.2	3.972	930			93.0	93.9	66.9	.2	93
Wet Bulb	4941799	67737	72.8	2.960	930			90.2	86.1	.5		93
Dew Point	4403696	63878	68.7	8.172	930			69.8	15.8			93

PSYCHROMETRIC SUMMARY

74-83

VI 428

HALF
MONTH

PAGE : 1820-2060
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

VI.29

12 MONTHS

PAGE : 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

 MAY
MONTH

PAGE 1

MOLES 11-5-71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
12 / 7									.2	.7								2		2															
13 / 8								.1	.1	.7								4		4															
14 / 9						.1	.4	.3	.1	.1	.7							101		101															
15 / 10				.1	1.3	1.7	.8	.8	.2	.1	.7							349		349															
16 / 11			.1	1.1	1.7	2.3	1.1	.3	.1	.7	.7							656		656															
17 / 12		.6	.3	2.5	4.6	2.8	.9	.4	.1	.7	.7							981		981															
18 / 13		.3	2.7	5.1	4.0	2.4	1.2	.3										1121		1121	56														
19 / 14		1.7	3.7	6.3	3.4	1.7	1.7	.7	.7									1243		1243	361														
20 / 15	.1	1.3	.5	5.5	2.7	1.7	.7	.7										1214		1216	1004														
21 / 16	.1	1.3	.5	5.5	2.7	1.7	.7	.7										862		862	1735														
22 / 17	.1	1.5	3.1	.5	1.2	.3												522		522	1561														
23 / 18		.6	1.7	.7	.7	.1												198		199	1214														
24 / 19	.1	.2	.7	.3	.1	.1												105		105	733														
25 / 20		.2	.7	.2	.1	.1												56		56	475														
26 / 21		.1	.4	.1	.7	.1												22		22	237														
27 / 22		.1	.1															9		9	100														
28 / 23																					26														
29 / 24																				5	164														
30 / 25																					22														
31 / 26																					17														
32 / 27																					5														
TOTAL		7.122	225.922	214.7	5.7	1.8	.6	.7	.7									7437	7447	7437	7437														

Element (X)	Σx'	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	Σx'	Σx	Σ	Σ _n	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	950672.6	578760	77.7	4552	7940			735.3	652.8	266.2	.2	788
Wet Bulb	38002112	530928	71.4	3651	7937			666.7	315.7	1.3		788
Dew Point	36705943	506977	68.2	4424	7937			528.9	105.2			788

PSYCHROMETRIC SUMMARY

74-83

YEARS



PAGE : 0000-0203
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
54 / 51				.6	.3													13	17																	
55 / 52		.7	2.4	5.6	1.9	.2												43	93																	
56 / 53		.5	1.3	3.1	2.9	.7	.1	.2										244	294	12																
57 / 54		2.1	4.4	5.5	1.7	.1												242	242	45	17															
58 / 55		3.3	5.9	5.3	.7													173	173	271	85															
59 / 56		1.3	5.3	.7														56	66	375	244															
60 / 57		.7	1.2															18	19	174	253															
61 / 58	.1																	1	1	77	195															
62 / 59																				16	85															
63 / 60																					21															
64 / 61																					1															
65 / 62																					2															
66 / 63																					2															
67 / 64	.1	5.6	47.3	5.9	7.1	.7	.1	.2											510		900															
68 / 65																		900		900																

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 2A HOLFSTEAD AFB FL

74-83

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb			Wet Bulb			Dew Point													
4/ 0					.1													5	5																		
5/ 0			.2	.2	1.2	1.1	.1											48	48																		
6/ 7			1.1	3.0	9.9	1.6	.4	.1										109	199	2																	
7/ 77			3.2	17.0	8.0	1.0												271	272	40	15																
10/ 75			5.3	13.6	4.7	.3	.1											216	216	207	56																
14/ 74	.1	2.7	9.6	1.6														125	125	322	232																
17/ 75		1.0	1.0	.1														10	30	212	256																
17/ 69		.3	.2															5	5	92	227																
17/ 67																					23	90															
16/ 65																					1	24															
14/ 67																																					
14/ 51																																					
17/ 59																																					
TOTAL	.1	10.254	.226	.6	4.1	.7	.1											899	2.0		899																
Element (X)	Σ H'		Σ H		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6150158		74190		82.5	4.876	899	± 0 F	± 32 F		± 67 F		± 73 F		± 80 F		± 93 F																				
Dry Bulb	5332117		69239		76.9	2.452	900			90.0		86.5		13.2																							
Wet Bulb	4808638		65692		73.1	2.207	899			89.9		57.2																									
Dew Point	4568621		64047		71.2	2.531	899			87.0		30.3																									

FORM 0-26-5 (OL A) REVERSE SIDE OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEAR

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

122 26	MCMESTEAD AFB FL
STATION	STATION NAME

74-83

YEARS

MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

1114

PAGE : 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72226 FORESTEAD AFB FL
STATION STATION NAME

79-83

YEARS

MONTH

PAGE : 1ACC-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
5 / 85						.2	.2											4	4						
6 / 87					.2	.6	.2											5	9						
66 / 85			.1	.5	2.6	2.4	.3	.1										55	55						
94 / 87			.5	6.3	1.2	2.3	.4	.1										180	180						
7 / 77			7.5	11.1	14.5	7.2	.3											277	277	1					
7 / 75		.2	4.3	10.3	6.3	.9												203	203	21					
7 / 77		.6	7.7	4.0	7.2	.1												80	80	143					
76 / 74		.7	4.1	2.7														66	66	271					
74 / 73		.2	1.7	.3														22	22	303					
7 / 71		.3	.2															3	3	111					
7 / 69		.1																1	1	45					
6 / 67																				5					
66 / 65																				29					
64 / 63																				5					
6 / 61																				1					
TOTAL		1.2	15.2	35.3	36.3	9.2	1.6	.2										900	900	900					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26
STATION

HOMESTEAD AFB FL
STATION NAME

79-83

YEARS



PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
AF 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 HOMESTEAD AFB FL
STATION STATION NAME

74-13

TIME

1115
MONTANA

PAGE 1

HOURS (C.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point												
5 / 71						.1	.1	.1	.0									14	14													
6 / 85						.2	.3	.2	.0									25	25													
18 / 87					.2	.8	3.1	1.2	.1	.1								377	377													
55 / 85			.1	.5	4.1	5.8	1.1	.2	.0									880	880													
54 / 81		.0	.4	3.2	6.7	2.9	.4	.1										990	990	7	3											
62 / 81		.1	2.2	6.4	5.9	1.1	.2											1142	1142	83	3											
9 / 71		.5	6.6	9.4	3.1	.7	.1	.1										1425	1425	247	35											
71 / 77		1.3	7.3	5.1	1.3	.1												1076	1077	1212	177											
74 / 75		2.1	6.0	2.8	.3	.1												797	797	2181	850											
74 / 73		.9	3.5	.5														363	363	2080	1882											
71 / 71		.4	.4	.														33	83	983	2136											
7 / 59		.1	.0															7	7	383	1380											
6 / 67																				62	534											
60 / 65																				1	151											
74 / 61																					31											
77 / 61																					6											
7 / 59																					3											
TOTAL		.226	.927	.922	.213	.6	3.3	.6	.1	.0								7199	7210	7199	7199											
</																																

2

YEARS

74-83

PAGE 1 2000-0200
HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722725 FCHESTEAC AFB FL

74-83

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
66/ 85																		2		2							
67/ 87																		23		23							
68/ 89																		139		139		2					
69/ 91																		329		329		10					
70/ 93																		257		257		22					
71/ 95																		126		126		111					
72/ 97																		36		36		193					
73/ 99																		17		17		295					
74/ 101																		1		1		215					
75/ 103																						63					
76/ 105																						16					
77/ 107																						5					
T-TTL		17.43	6.37	6.12	5.8	5.1												930		930		930					
					</																						

USAFETAC 0-26-5 (OL A) STATION REPORTS SHOULD BE FOR THE OBSERVE

2.

YEARS

74-83

USAFETAC 0-26-5 (OLA) FROM AIR 44 SEVERAL NERVOUS ATTACKS OF THIS FORM ARE CHARACTERISTIC

[illegible]

2

MONTH

74-83

YE ARE

SECRET-1100
NOV 18 1964

USAFETAC FORM 0-20-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

22 24	FLMSTEAL AFB FL
STATION	STATION NAME

74-83

YEARS

111

MONTHS

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 1000-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722726 HOMESTEAD AFB FL
STATION STATION NAME

74-83

Y1491

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
58 / 97						.5	.3											2	2						
59 / 85				.5	.8	1.0	.3											24	24						
60 / 63			.2	1.4	5.4	4.7	.9	.1										118	118						
61 / 61			.8	5.7	15.3	14.6	1.2	.2										308	308	8	1				
62 / 74			.4	4.7	13.7	5.6	.5											234	234	35	11				
7 / 77			1.6	5.1	5.8	1.1												127	127	101	45				
70 / 75			1.3	3.0	1.4													60	60	279	128				
74 / 71				1.8	.4													14	14	356	212				
77 / 74																		3	3	87	301				
7 / 69																				22	174				
67 / 67																				2	47				
66 / 65																					11				
TOTAL	.1	6.6	22.5	42.6	27.2	3.0	.7											930	93	930	930				

0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
LEAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122 26	HOMESTEAD AFB FL
STATION	STATION NAME

74-83

YEARS

LIGHT 70

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66 / 90																		3	3						
67 / 91																		22	22						
68 / 92																		107	107						
69 / 93																		310	311						
70 / 94																		846	846						
71 / 95																		1171	1171						
72 / 96																		973	973	14					
73 / 97																		1333	1333	164	6				
74 / 98																		1291	1291	593	96				
75 / 99																		844	845	1664	395				
76 / 100																		423	423	2250	1108				
77 / 101																		136	136	1901	1835				
78 / 102																		46	46	644	2216				
79 / 103																		3	3	174	1311				
80 / 104																				30	358				
81 / 105																				4	92				
82 / 106																					18				
83 / 107																					3				
TOTAL																		7438	7447	7438	7438				

USAFETAC FORM 0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722.26 MCHESTER AFB FL
STATION STATION NAME

74-83

YEAR

—A111

PAGE 1 3000-0203
NOV 28 (L. E. T.)

[illegible]

2

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AUG
MONTH

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USAFETAC FORM 0-20-5 (OL A) REVISED JANUARY 1964

72-26
STATION

HOMESTEAD AFB FL

74-83

YEARS

A116

PAGE 1

1900-1100
MAY 11 - 11:11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
2 / 32																		1	1					
3 / 31																		8	8					
4 / 30					.1	1.5	3.0	3.7	.3									97	87					
5 / 29					.3	6.7	15.5	3.3	.3									243	243					
6 / 28						3.1	13.6	12.5	1.1									283	284					
7 / 27		.1			.5	6.2	5.7	2.2	.1									138	138	2				
8 / 26			1.7	3.4	2.3	.1	.1											71	71	40				
9 / 25			.6	1.1	1.9	.4												38	38	195				
10 / 24	.1	1.7	1.3	1.0	.3													36	36	403				
11 / 23			.6	.5	.4													15	15	190				
12 / 22			.4	.2	.2													8	8	71				
13 / 21		.1																1	1	22				
14 / 20																				4				
15 / 19																				2				
16 / 18																				4				
17 / 17																				1				
18 / 16																								
19 / 15																								
20 / 14																								
21 / 13																								
22 / 12																								
23 / 11																								
24 / 10																								
25 / 9																								
26 / 8																								
27 / 7																								
28 / 6																								
29 / 5																								
30 / 4																								
31 / 3																								
TOTAL	.1	7.1	5.6	16.83	7.53	4.7	8.8	.9										929	937	929				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4578782	68817	69.8	7.887	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	6729955	79751	85.0	3.368	930			93.0	92.9	84.7	.1	93
Wet Bulb	5938791	71705	77.2	2.135	929			93.0	90.2	10.2		93
Dew Point	5089087	68721	74.0	2.552	929			92.5	68.2	.5		93

PSYCHROMETRIC SUMMARY

74-83

WE ARE

AUG
MONTH

PAGE 1 1203-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
64 / 81								.1	.4		.2							7	7					
65 / 81						.2	1.0	2.5	.5	.1								45	45					
66 / 81				.1	1.7	9.0	7.6	1.0	.3	.1								185	185					
68 / 87				.2	6.2	22.0	7.5	.3										316	316					
68 / 85			.1	2.0	8.6	10.1	1.1											204	204					
69 / 87			.2	3.0	2.0	1.3	.2											71	71					
69 / 91			1.6	1.5	1.1	.5												44	44	58	2			
70 / 79	.1	.1	1.2	.8	.3	.1												25	25	270	27			
70 / 77	.1	.1	.0	.6	.2													18	18	372	102			
70 / 75	.1	.2	.4															7	7	155	286			
70 / 73	.1	.5																6	6	47	276			
70 / 71		.1																1	1	18	166			
70 / 69	.1																	1	1	2	51			
60 / 67																					14			
66 / 65																					4			
64 / 67																					1			
TOTAL		1.1	4.4	8.4	21.3	42.8	18.5	2.3	.4	.3								930		930	930			

Element (X)	Σx'	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	8187785	81987	66.7	7.778	930	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6967194	8436	86.5	3.323	930			93.0	92.8	88.5	.7	93
Wet Bulb	5613185	72225	77.7	2.100	930			93.0	91.0	14.5		93
Dew Point	5102741	68889	75.0	2.992	930			92.5	69.9	1.3		93

PSYCHROMETRIC SUMMARY

WASH

AUG

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

ALL

PAGE 1 1800-2000
HOURS (L. S. T.)

USAFETAC 0-26-5 (OL A) SERVICES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM 8A 64

PSYCHROMETRIC SUMMARY

74-83

YEARS

AUG
MONTH

PAGE 1 2300-2310
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.S./W.S.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
8 / 97				.1	.4													5	5									
6 / 95				.1	.2	.6	.5	.1										38	38									
4 / 97			1.7	1.3	5.3	1.2												172	172									
1 / 85		.3	5.4	15.6	9.4	.5												293	293	1								
1 / 77	.1	1.6	7.4	11.2	3.7													235	235	46	7							
7 / 77		4.1	5.3	4.	1.7													140	140	240	66							
6 / 75	.1	1.6	1.4	.5														38	38	325	211							
4 / 73	.1		.4	.2														7	7	243	290							
2 / 71	.1	.1																2	2	57	206							
2 / 69																				15	120							
6 / 67																				1	25							
-6 / 65																					5							
TOTAL		7.7	23.7	43.1	22.4	2.7	.1											925	937	930	930							

PSYCHROMETRIC SUMMARY

122-26
STATION

HOMESTEAD AFB FL

74-83

YIARS

ALL
MAY 1964

PAGE 2

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
70 / 70									.1									8	8																
70 / 71							.2		.1									72	72																
70 / 72					.5	2.5	1.9	.3	.1									40	40																
70 / 73					.1	2.1	6.5	2.1	.1									845	845																
70 / 74				.1	1.7	5.1	5.8	.8										1066	1067																
70 / 75				.1	6.5	5.2	1.7	.1										1073	1073	13	1														
70 / 76		.3	7.7	8.3	4.8	.4												1301	1302	152	4														
70 / 77	.1	1.4	5.8	6.2	2.1	.1												1258	1258	903	102														
70 / 78	.1	2.5	4.6	4.1	.8													903	903	2193	599														
70 / 79	.1	2.4	1.5	1.1	.1													403	403	2175	1797														
70 / 80	.1	.6	.8	.2														98	88	1454	2281														
70 / 81	.1	.1																23	23	436	1559														
70 / 82	.																	1	1	176	848														
70 / 83																				5	256														
70 / 84																					37														
70 / 85																					1														
TOTAL	.1	7.4	17.5	29.1	22.1	17.4	5.0	.6	.1	.1								7437	7439	7437	7437														

Element (X)	Σx ²	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	61576711	550057	74.6	9.276	7437	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	55531641	612377	82.3	4.031	7439			744.0	741.6	590.8	.2	740
Wet Bulb	92906907	56527	76.1	2.366	7417			744.0	680.3	61.8		740
Dew Point	40019819	545223	73.3	2.549	7437			740.0	678.6	2.9		740

AD A147 203

HOMESTEAD AFB FLORIDA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84

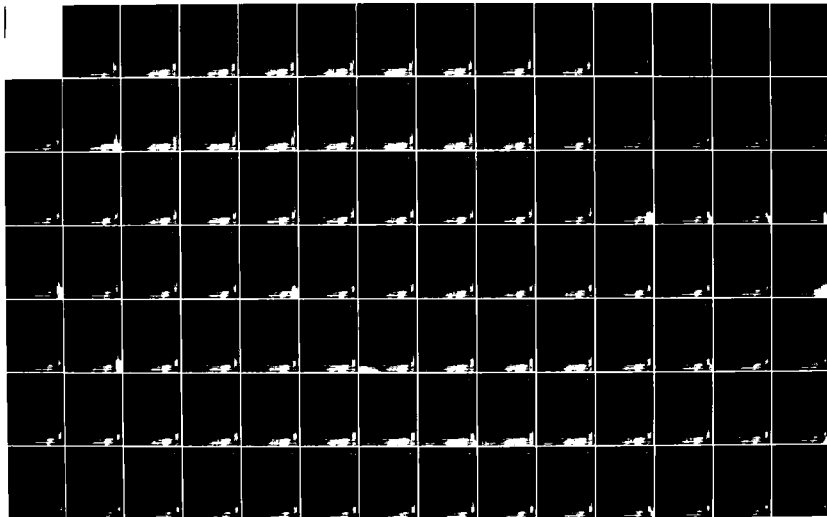
3/5

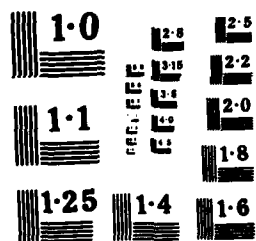
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USAF TAC/DS R4/032 SRI-AD-F850 747

F/G 4/2

NL





2

SEP
MONTH

74-83

YEARS

0000-0200

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
CSAFETAC
ATF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26 HOMESTEAD AFB FL
STATION STATION NAME

74-83

YEARS

SE

PAGE 1 1300-0500
HOURS (L. A. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
10 / 85			.2	.3	.1													6	6												
14 / 83		.1	1.2	1.5	.3													28	28												
17 / 81		.5	4.6	5.5	1.7													104	104	3											
17 / 79		1.2	12.5	5.6	.6													214	216	20	6										
7 / 77	.1	5.3	19.2	5.7	.4													269	270	89	30										
76 / 75	.4	7.5	11.6	.7														181	181	293	189										
74 / 73		4.5	3.6	.2														74	76	318	294										
71 / 71	.2	1.1	.3															15	15	183	281										
7 / 69		.2																2	?	25	117										
6 / 67		.2																2	2	3	23										
66 / 65																				1	7										
TOTAL	.52	753.3	22.8	2.5														895	907	895	895										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222 26
STATION

HOMESTEAD AFB FL

74-83

YEARS

SEP
MONTH

PAGE 1

1600-0800
HOURS (C. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26
STATION

HOMESTEAD AFB FL

74-83

SEP
MONTH

PAGE 1 C900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26
STATION

HOMESTEAD AFB FL

74-83

SEA

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

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74-83

WZM

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

SAFETAC

2

SEP
MONTH

USAFETAC FORM 0-26-5 (OL A)
MAY 64

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
68 / 87					.3	.4	.4											11	11						
70 / 85					.2	.2	.3											50	50						
74 / 81			1.1	9.0	8.3	.0	.1											174	174						
76 / 79		.1	4.7	17.9	6.2	1.4	.1											286	286	9					
77 / 77		.3	1.8	10.5	2.8	.2												202	202	45	10				
77 / 77	.1	1.2	5.7	4.1	.0													117	117	187	43				
78 / 75		1.1	2.8	.4														39	39	369	168				
78 / 75	.1	.8	.6															13	13	219	326				
77 / 71		.6	.1															6	6	65	222				
7 / 69																				9	99				
6 / 67		.1																	1	1	28				
66 / 65																					3				
64 / 61	.1																	1	1	1	1				
TOTAL	.1	4.224	246.12	.9	3.9	.3												900	900	900	900				

2

YEARS

HOMESTEAD AFB FL
STATION NAME

74-A3

SE
MONTH

PAGE : 2100-2300
HOURS (L. S. T.)

0-26-5 (OL A)

USAFETAC

2.

YEAR

74-83

SEE
MONTH

PAGE 1

HOURS (L. S. T.)

0-24-5 (01 A)

1992

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 HOMESTEAD AFB FL
STATION STATION NAME

74-83

YEAR

0.01
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point					
84 / 65			.1	.2	.5													13	13						
83 / 64		.1	1.4	1.4	.4													33	33						
82 / 70		1.0	5.5	3.0	1.3	.9	.1											117	117	4					
79 / 77		4.4	7.3	5.6	1.7	.5	.1											183	183	36	9				
76 / 74	.1	7.3	9.7	4.4	2.3	.4												225	225	136	64				
74 / 73	.3	4.1	6.0	3.0	1.3	1.1												155	155	218	102				
72 / 71	.2	2.2	4.1	1.7	1.0	.4	.1											99	99	176	179				
71 / 69		.4	1.0	2.0	.2													53	43	122	104				
69 / 67	.0	.4	1.6	1.1	.8													34	20	66	113				
66 / 65			.2	.4	.2													8	8	54	66				
64 / 61			.1	.6														0	10	46	84				
60 / 61					.2	.1												5	5	16	42				
59 / 59																				10	34				
58 / 57																				5	20				
58 / 55																				0	10				
54 / 53																				1	6				
52 / 51																					4				
51 / 49																					7				
44 / 43																					1				
TOTAL	1.0	17.9	39.2	24.5	11.5	3.4	.4											900	72	976	640				

2

MONTH

HOURS 11.5.7.1

14-00000

YEARS

MONTH

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MON 7 11

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEAR 21

OCI
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
8									.1																	
8 / 87					.2	1.5	1.6	.6											38	38						
8 / 88					2.7	5.2	2.5												86	86						
8 / 89				.5	5.4	5.6	3.3	2.2	.2										160	160						
8 / 90				3.1	6.1	5.5	4.5	1.4	.2										193	193	4					
8 / 91			.4	3.5	5.1	3.8	4.4	1.2	.2										177	177	71					
7 / 77			.9	1.7	2.3	2.7	1.9	1.6	.1										101	101	160					
8 / 75		1.1	1.7	1.5	1.7	1.7	.5	.1											78	78	168					
8 / 74		1.1	1.7	1.3	.7	.7	.1			.1									43	43	181					
8 / 73		.1	.3	.4	.5	.4													19	19	124					
8 / 69			.4	.7	.4	.1		.1											13	13	91					
8 / 67				.1	.3		.1												6	6	57					
8 / 65				.1															3	3	36					
8 / 63																					23					
8 / 61																					8					
8 / 59																					4					
8 / 57																					2					
5 / 55																					1					
8 / 53																										
8 / 47																										
8 / 45																										
8 / 43																										
TOTAL		3.1	13.125	4.28	6.27	6.9	7.8	1.0	.1										930	930	930					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 MCHESTEAD AFB FL
STATION STATION NAME

74-83

77489

PAGE 1 1250-1000
HOURS (L. S. T.)

[illegible]

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77494

053

0-20-5 (OL A) SERVING NERVOUS SYSTEMS OF FISH FOLDS AND OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 24 HCMFSTEAD AFB FL
STATION STATION NAME

74-83

YEAR

DCI
MEMPHIS

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

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USAFETAC

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74-83

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PAGE 1

HOURS (L. S. T.)

0-26-5 (OLA)
APPROVE PREVIOUS EDITION OF THIS FORM AND CIRCULATE

USAPETAC

2

PSYCHROMETRIC SUMMARY

NOV
MONTH

MONTH

2000-6200

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
NO. 44
SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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74-83

NO

STATION

STATION NAME

YEARS

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PAGE 1 0300-0500

USAFETAC
FORM 0-26-5 (OLA)
JAN 64
REVISE PREVIOUS EDITIONS OF THIS FORM AND DISCARD

PSYCHROMETRIC SUMMARY

170 26	FURNESTEAD AFB FL
STATION	STATION

74-83

NOI

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

WASH

201
MAY 1964

6900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

722-28
STATION

MCMESTEAD AFB FL
STATION NAME

74-82

YEARS

NOV
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

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74-83

YEAR

1964
MONTH

PAGE : 15-17-2
NOTES (10-8-71)

ALITOMBO HAY MOBA TANA AO PANGGARAN PONGGARAN GUBAHAN

0-26-S (OLA)

USAFETAC

1. ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 SPB/STP

YEARS

NOV
MONTH

10-26-5 (OL A)
RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
WASHINGTON, D. C. 20535

[illegible]

PSYCHROMETRIC SUMMARY

722'26 HOMESTEAD AFB FL
STATION STATION NAME

74-83

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

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PSYCHROMETRIC SUMMARY

74-83

NOV
MONTH

PAGE 1

ALL
MAY 1964

USAFETAC FORM 0-26-5 (OL A) SERVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DEC

74-83

YEAR

PAGE 1 0000-0200
10/28/81 (1-8-81)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED SEPTEMBER 1975

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 2300-6500
NNNN (L. 8. 7.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

122 26 HOMESTEAD AFB FL

78-83

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

7600-0800
NOV 11, 1978

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
6 / 74																		5	5						
7 / 77				.5	1.8	.5												28	28						
76 / 75			.1	1.7	2.1	.6	.1											45	45	1					
74 / 73		.5	4.2	2.5	1.1													77	77	23					
72 / 71		.2	2.3	4.7	3.6	2.3		.1										129	129	52	18				
70 / 69		.5	2.4	5.4	.8	.6	.1											89	89	89	67				
68 / 67		.2	2.2	4.6	1.5	.5	.2											86	86	113	89				
66 / 65		.1	3.0	3.5	1.6													81	81	117	103				
64 / 63			3.7	2.8	1.1													63	63	89	99				
62 / 61			1.8	3.1	.6	.5	.1											58	58	70	74				
60 / 59		.1	1.7	4.2	1.1	.2	.1											69	69	70	79				
58 / 57			.5	1.7	1.2	.1	.4											37	37	62	68				
56 / 55			.9	.9	.4	.5												24	24	41	68				
54 / 53			.7	.4	1.4	.5	.2											29	29	19	81				
52 / 51			.1	1.7	1.1	.5												27	27	24	31				
50 / 49			.6	1.1	.5	.6												27	27	21	19				
48 / 47			.5	1.0	.9	.1	.1											24	24	30	28				
46 / 45			.3	.8	.3	.2												15	15	32	18				
44 / 43				.8	.2	.2												11	11	24	18				
42 / 41																				15	32				
40 / 39					.5													3	3	11	19				
38 / 37																				5	13				
76 / 35				.1	.2													3	3	3	20				
30 / 33																				1	7				
72 / 31																				2	6				
7 / 27																				1	1				
27 / 27																					4				
26 / 25																					8				
24 / 23																					2				
22 / 21																					1				
2 / 19																					1				
TOTAL	1.42	0.044	0.523	2.9	1.9	.1												930	930	930	930				
																			930		930				
Element (X)	Σ ₁		Σ ₂		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	58439.9		73089		78.6		10.166		930		± 6 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F				
Dry Bulb	3993000		6.110		69.6		8.573		930						45.9		15.8								
Wet Bulb	3997799		56949		60.7		8.805		930						3		27.8		2.8						
Dew Point	3197980		53688		57.7		10.277		930				1.9		17.8		.9								

FORM 9-26-5 (OL A) GRADE SERVICE BRANCH OF THE POSTAL SERVICE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722724 HCMFSTEAD AFB FL

74-83

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
74 / 57				.1	.3													6														6				
73 / 56				1.2	3.1	1.5	.1											55														55				
72 / 74			.4	3.5	2.4	1.4	.5											77														77				
71 / 77		.2	1.3	4.5	4.4	1.1	.5	.1										114														114				
70 / 75		.6	1.8	3.2	4.4	3.4	1.1											139														139		27	1	
70 / 73		.4	2.2	4.2	1.8	2.3	.8											108														108		114	21	
69 / 71	.2	.8	2.4	2.8	2.4	1.1	.5	.2										96														96		87	85	
68 / 69		.1	1.4	1.3	1.4	1.2	.1											59														59		123	99	
67 / 67		.4	1.2	1.5	1.1	.9	.4	.1										52														52		101	72	
66 / 65		.4	1.1	1.3	.9	.6	.1		.1									41														41		112	109	
64 / 63		.2	.4	1.3	1.2	.6	.1											36														36		65	77	
62 / 61		.2	.2	1.1	1.5	.5	.2	.1										35														35		60	79	
61 / 59		.2	.3	.5	1.1	.3	.1	.1										24														24		41	67	
61 / 57		.2	.2	.2	1.2	.4	.1	.1										27														27		29	53	
59 / 55			.1	1.1	.3	.1		.2										16														16		40	44	
54 / 53		.1	.3	.3	.2	.5												14														14		28	43	
52 / 51		.3	.1	.4	.3	.1	.3											15														15		19	16	
51 / 49		.1	.1	.1	.4													7														7		31	30	
47 / 47			.1	.1	.1	.1												5														5		15	32	
47 / 45				.4	.3													4														4		6	17	
44 / 43				.2														2														2		13	19	
42 / 41				.1														1														1		10	27	
41 / 40																		1														1		1	12	
37 / 37																																			5	4
37 / 35																																			1	5
37 / 33																																			1	8
37 / 31																																				7
37 / 29																																				6
27 / 27																																				5
27 / 25																																				2
24 / 23																																				2
TOTAL	.2	4.4	14.6	29.1	29.7	16.7	5.3	1.0	.1									930														930			930	
Element (X)	Z _h ¹	Z _h	Z	Z _s	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	45.6209	63857	68.7	11.439	930	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																									
Dry Bulb	4745648	66002	71.0	8.136	930			70.2	49.9	2.4																										
Wet Bulb	3916030	59850	64.4	8.326	930			45.3	19.2																											
Dew Point	3474932	55712	59.9	10.249	930		2.2	27.3	2.2																											

FORM 0-26-5 (OL A) STATION REPORT OF THE TOWN AIR OBSERVATORY
USAFETAC

PSYCHROMETRIC SUMMARY

74-83

YEAR

DEC

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
40 / 60					.1	.1			.1									3	3																
41 / 61					1.8	2.4	.8											47	47																
42 / 62				.1	1.1	4.7	3.3	.6	.3									91	91																
43 / 63		.1	.8	3.4	4.3	6.2	1.1	.3										151	151																
44 / 64			.2	1.6	7.1	4.8	3.3	.9	.2									169	169	7															
45 / 65			.1	2.0	4.4	4.8	2.0	1.2				.1						139	139	39	4														
46 / 66		.2	.7	1.1	1.8	2.9	2.5				.2							89	89	131	20														
47 / 67		.1	.1	.3	.8	2.7	2.0	.5	.2	.1								66	66	89	61														
48 / 68			.2	1.3	1.7	.8	.3			.1								41	41	159	95														
49 / 69		.2	.2		.3	1.2	1.1		.1	.3								32	32	113	86														
50 / 70		.2	.1	.1	.6	.6	.6	.3	.1									27	27	83	118														
51 / 71			.4	.1	.3	1.3		.2	.3									25	25	74	88														
52 / 72				.1		1.0	.1	.2										14	14	74	75														
53 / 73					.1	.3	.1	.3	.1	.1								11	11	33	74														
54 / 74								.3										3	3	31	48														
55 / 75					.1		.2											6	6	24	62														
56 / 76		.2			.1	.1	.1											5	5	23	36														
57 / 77		.3			.1	.1												5	5	16	74														
58 / 78					.1	.1												3	3	13	31														
59 / 79					.2													3	3	5	15														
60 / 80																				5	23														
61 / 81																				10	9														
62 / 82																				4	9														
63 / 83																				3	6														
64 / 84																					2														
65 / 85																					5														
66 / 86																					5														
67 / 87																					11														
68 / 88																					9														
69 / 89																					1														
70 / 90																					2														
71 / 91																					1														
72 / 92																					3														
73 / 93																					1														
Element (X)	2 _g ¹	2 _g	I	° _g	No. Obs.	Mean No. of Hours with Temperature																													
Ref. Num.						≤ 6 F	≤ 22 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F											Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

74-83

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DEC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72276
STATIONFONESTEAD AFB FL
STATION NAME74-83
YEARS

YEARS

DEC
MONTHPAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
66 / 85					.1	.1												2			2					
64 / 83					.2	.2	.1	.2										10			10					
62 / 81				.4	1.7	1.3	.3	.2	.2									57			57					
61 / 79			.5	3.4	4.9	3.5	.8											123			123					
70 / 77			1.1	2.6	7.3	3.4	1.3	.6										152			152		2			
70 / 75	.1	.2	1.0	3.1	6.7	4.7	1.6	.1	.1	.1	.1							166			166		20	1		
74 / 73	.1	.2	.5	3.0	3.8	4.0	1.0	.3							.1			121			121		110	15		
71 / 71			.5	.9	2.2	3.1	2.6	.3	.3	.3	.2							99			99		102	53		
71 / 69		.2	.4	.2	2.4	2.2	1.1	.3										63			63		136	102		
68 / 67		.2	.1	.5	.3	1.0	1.2	.3	.2	.1								41			41		126	83		
66 / 65			.4	.6	.4	.6	.3	.6	.2						.1			32			32		103	101		
64 / 63		.1			.5	.5	.3	.4	.4	.1								26			26		84	108		
62 / 61			.1	.1			.4			.1								7			7		85	70		
61 / 59			.2	.2		.1		.1	.4									10			10		30	77		
59 / 57			.1			.2												3			3		34	61		
59 / 55		.1					.2											5			5		31	61		
64 / 51		.3	.1			.4		.1										9			9		15	48		
62 / 51		.1																1			1		15	29		
59 / 49					.1	.1	.1											3			3		14	22		
61 / 47																								22		
64 / 45																								14		
64 / 43																								9		
62 / 41																								6		
61 / 39																								8		
59 / 37																								11		
56 / 35																								3		
54 / 33																								6		
52 / 31																								4		
51 / 29																								4		
49 / 27																								8		
46 / 25																								1		
42 / 21																								3		
41 / 19																								8		
Station (H)	Σ _g ¹		Σ _g		Σ		Σ _g		No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

FORM 6-26-5 (OL A) PREPARED BY AIR FORCE AIR COMMAND
USAFETAC

PSYCHROMETRIC SUMMARY

722 26	HOMESTEAD AFB FL
STATION	STATION NAME

74-83

YEARS

DEC
MONT

PAGE 2 1500-1700-
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	.2	1.0	5.5	15.2	33.2	25.9	11.3	4.0	7.0	.6	.4	.1						930	930	930	930			

2

YEARS

74-83

DEC
MONTH

PAGE 1 ~~1800-2000~~
HOURS (C. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 HOMESTEAD AFB FL

74-83

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
77 / 77																		2	2						
76 / 77																		33	33						
76 / 75																		78	78	3	3				
74 / 74																		118	118	21	1				
73 / 73																		155	155	92	28				
73 / 69																		116	116	105	96				
67 / 67																		90	90	127	89				
66 / 65																		84	84	132	95				
64 / 63																		55	55	88	118				
62 / 61																		47	47	63	95				
57 / 57																		34	34	79	71				
56 / 55																		31	31	32	55				
54 / 53																		30	30	36	50				
52 / 51																		21	21	34	41				
51 / 50																		12	12	30	20				
47 / 47																		9	9	27	24				
46 / 45																		5	5	17	33				
43 / 43																		6	6	22	29				
42 / 41																		3	3	7	16				
41 / 40																		1	1	5	17				
37 / 37																					4	12			
35 / 35																					4	5			
34 / 33																					1	12			
32 / 31																						9			
27 / 21																						5			
19 / 19																						1			
TOTAL																		930		930		930			
																						930		930	

USAFETAC FORM 0-26-5 (OL A) REPRODUCED BY PERMISSION OF THE AIR FORCE AND NAVY

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 -CMESTEAL AFB FL
STATION STATION NAME

74-83

YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MEMPHIS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74.1	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.2	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.4	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.5	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.6	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.7	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.8	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
74.9	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.0	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.1	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.2	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.4	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.5	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.6	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.7	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.8	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
75.9	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
76.0	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	74.4	74.4	74.4	74.4
Element (X)	Σ x ¹	Σ x	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	15457865	532751	71.6	13.010	7990	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total									
Dry Bulb	38.39090	519236	69.1	8.168	7990			513.6	293.6	99.6		799									
Wet Bulb	30269339	970666	69.3	8.110	7990			7	311.8	59.9		799									
Dew Point	26803013	990325	59.2	10.008	7990		16.0	185.7	8.9			799									

PSYCHROMETRIC SUMMARY

74-89

YEARS

MONTH

PAGE :

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
10 / 91																		3	3															
11 / 91																		12	32															
12 / 91																		217	217															
13 / 91																		1065	1066															
14 / 91																		2946	2946															
15 / 91																		4726	4728	1	1													
16 / 91																		5776	5776	63	4													
17 / 91																		8195	8198	503	36													
18 / 91																		12573	10262	2614	345													
19 / 91																		10889	10892	8104	1819													
20 / 91																		9563	9566	12156	6552													
21 / 91																		7813	7824	13050	11360													
22 / 91																		6512	6513	97761	12245													
23 / 91																		4719	4717	87711	5558													
24 / 91																		3487	3487	7383	8037													
25 / 91																		2528	2528	4013	6947													
26 / 91																		2015	2015	4489	5732													
27 / 91																		1611	1611	3822	9880													
28 / 91																		1343	1343	2675	3819													
29 / 91																		1063	1063	1862	3033													
30 / 91																		884	885	1491	2660													
31 / 91																		700	700	1203	1967													
32 / 91																		568	568	962	1489													
33 / 91																		378	378	911	1220													
34 / 91																		265	265	735	889													
35 / 91																		197	198	557	731													
36 / 91																		92	92	355	710													
37 / 91																		50	50	281	592													
38 / 91																		30	30	145	471													
39 / 91																		16	18	73	337													
40 / 91																		11	11	53	343													
41 / 91																		6	6	25	249													
42 / 91																		1	1	21	242													
43 / 91																		1	1	2	113													
Element (K)	Σ R ²				Σ R				Σ I				Σ O _R				No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.																					≤ 6 F		≤ 32 F		≥ 67 F		≥ 75 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

YEARS

ALL MONTH

All

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1 / 1																		1	1	1	82				
2 / 25																					53				
2 / 25																					45				
2 / 25																					52				
1 / 1																					32				
1 / 17																					3				
1 / 1																					1				
TOTAL	4	523	225	42	113	3	5	1	1	6	5	2	1	0				27627	27661	27627					

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722026 HOMESTEAD AFB FL

74-84

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-07	MEAN	62.1	64.2	67.8	71.4	74.7	77.9	79.4	79.8	78.7	75.1	70.3	66.2	72.3	
	S D	6.296	6.997	5.842	3.730	3.055	2.423	2.439	2.533	2.592	3.818	5.754	7.741	7.793	
	TOTAL OBS	929	849	930	900	934	900	930	930	899	900	900	930	10957	
0-05	MEAN	60.7	62.8	66.5	70.0	73.5	76.9	78.4	79.0	77.8	74.0	69.2	65.2	71.2	
	S D	7.031	7.668	6.596	4.546	3.577	2.452	2.393	2.555	2.668	4.092	6.177	8.190	8.215	
	TOTAL OBS	93	849	930	900	930	900	930	930	900	930	900	930	10959	
0-08	MEAN	60.0	62.4	66.7	71.1	75.1	78.6	80.0	80.2	78.9	74.4	69.1	64.6	71.8	
	S D	9.486	8.786	7.075	5.038	3.940	2.985	2.994	3.115	3.082	4.454	6.502	8.573	9.048	
	TOTAL OBS	93	849	930	900	930	900	930	929	900	930	900	930	10958	
0-11	MEAN	66.5	69.1	73.7	77.7	80.7	83.4	85.3	85.0	84.2	80.4	75.2	71.0	77.7	
	S D	9.116	7.632	6.157	3.801	3.073	2.995	2.844	3.368	2.973	4.172	5.698	8.136	8.280	
	TOTAL OBS	93	849	930	899	930	900	930	930	900	930	900	930	10958	
12-14	MEAN	71.5	73.5	76.7	79.8	82.4	84.4	86.4	86.5	85.2	82.4	78.0	74.9	80.2	
	S D	6.893	6.001	5.170	3.560	3.337	3.463	3.506	3.323	3.609	3.652	4.293	6.445	6.768	
	TOTAL OBS	93	849	930	900	930	900	930	930	900	930	900	930	10959	
15-17	MEAN	71.4	73.1	76.2	78.7	81.2	83.2	85.4	85.2	83.7	81.1	76.9	74.0	79.2	
	S D	6.028	5.413	4.836	3.379	3.472	3.576	3.642	3.524	3.551	3.547	4.061	5.758	6.348	
	TOTAL OBS	930	849	930	900	930	900	930	930	899	930	900	930	10958	
18-20	MEAN	66.7	68.7	72.1	75.1	78.0	80.8	82.5	82.3	80.8	77.5	73.0	69.6	75.6	
	S D	6.335	5.405	4.702	3.119	2.962	2.939	3.156	2.958	2.789	3.210	4.284	6.082	6.763	
	TOTAL OBS	930	849	927	900	930	900	930	930	900	930	900	930	10956	
21-23	MEAN	63.9	65.8	69.4	72.7	75.9	78.9	80.3	80.6	79.4	76.1	71.3	67.4	73.5	
	S D	7.299	6.119	5.067	3.155	2.604	2.464	2.468	2.491	2.558	3.410	5.143	6.973	7.239	
	TOTAL OBS	930	849	927	900	930	900	930	930	900	930	900	930	10956	
ALL HOURS	MEAN	65.3	67.4	71.1	74.6	77.7	80.5	82.2	82.3	81.1	77.6	72.9	69.1	75.2	
	S D	6.959	7.873	6.910	5.234	4.552	3.965	4.151	4.031	4.021	4.880	6.234	8.168	8.280	
	TOTAL OBS	7439	6792	7439	7199	7440	7200	7440	7439	7198	7440	7200	7440	87461	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722726 HOMESTEAD AFB FL

74-84

STATION		STATION NAME												YEARS	
WRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
70-92	MEAN	58.3	60.3	63.5	66.2	70.1	73.6	74.3	75.0	74.6	70.9	66.1	61.8	67.9	
	S D	6.73	7.612	6.193	4.423	3.516	2.183	2.192	2.039	2.066	4.333	6.500	8.263	7.880	
	TOTAL OBS	929	849	930	900	930	900	930	930	898	930	900	930	10956	
73-95	MEAN	57.2	59.4	62.6	65.4	69.5	73.1	73.9	74.7	74.3	70.3	65.4	61.1	67.3	
	S D	9.331	8.115	6.723	4.959	3.809	2.207	2.186	2.029	2.088	4.525	6.786	8.592	8.263	
	TOTAL OBS	930	849	930	897	930	899	930	930	895	930	900	930	10950	
76-78	MEAN	56.6	59.0	62.7	66.0	70.3	73.9	74.7	75.3	74.9	70.6	65.3	60.7	67.5	
	S D	9.62	8.406	7.066	5.117	3.944	2.344	2.382	2.251	2.207	4.654	6.964	8.805	8.734	
	TOTAL OBS	929	848	930	895	930	900	930	928	898	930	900	930	10948	
79-11	MEAN	60.6	62.8	66.2	69.0	72.7	75.7	76.6	77.2	77.1	73.3	68.4	64.4	70.4	
	S D	9.338	7.888	6.419	4.374	3.318	2.155	2.099	2.135	1.948	4.279	6.293	8.326	7.901	
	TOTAL OBS	930	849	930	897	929	900	929	929	899	930	900	930	10952	
12-14	MEAN	63.0	64.7	67.4	69.8	73.4	76.0	77.0	77.7	77.3	73.7	69.5	66.0	71.3	
	S D	8.769	6.743	5.619	3.947	3.078	2.309	2.254	2.100	2.265	3.949	5.440	7.199	6.977	
	TOTAL OBS	930	849	930	900	928	900	930	930	898	930	900	930	10955	
15-17	MEAN	62.8	64.5	67.2	69.3	72.8	75.4	76.4	76.9	76.5	73.1	69.0	65.6	70.8	
	S D	7.672	6.268	5.173	3.779	2.960	2.315	2.464	2.273	2.270	3.902	5.251	6.811	6.692	
	TOTAL OBS	930	849	930	900	930	900	929	930	899	930	900	930	10957	
18-20	MEAN	60.0	62.7	65.5	67.7	71.6	74.4	75.4	75.9	75.3	71.9	67.4	63.8	69.4	
	S D	7.633	6.296	5.258	3.919	3.111	2.233	2.356	2.148	2.101	4.025	5.486	7.182	6.990	
	TOTAL OBS	930	849	927	900	930	900	930	930	900	930	899	930	10955	
21-23	MEAN	59.4	61.3	64.4	66.9	70.8	73.9	74.7	75.4	74.9	71.3	66.6	62.6	68.5	
	S D	8.131	6.895	5.658	4.040	3.249	2.156	2.150	2.025	1.910	4.208	6.069	7.717	7.433	
	TOTAL OBS	930	849	927	900	930	900	930	930	899	930	899	930	10958	
ALL HOURS	MEAN	59.9	61.8	64.9	67.5	71.4	74.5	75.4	76.0	75.6	71.9	67.2	63.3	69.1	
	S D	8.88	7.598	6.308	4.613	3.651	2.458	2.510	2.366	2.111	4.414	6.308	8.110	7.775	
	TOTAL OBS	7438	6791	7438	7189	7437	7199	7438	7437	7199	7480	7198	7480	87627	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722726 HOMESTEAD AFB FL

74-84

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
10-02	MEAN S.D. TOTAL OBS	55.2 10.346 929	57.4 9.289 849	60.6 7.494 930	63.1 5.759 920	67.6 4.434 930	71.6 2.597 900	72.0 2.661 930	73.0 2.457 930	72.8 2.285 898	68.6 5.358 930	63.5 7.825 900	58.6 9.962 930	65.4 8.994 10956
13-05	MEAN S.D. TOTAL OBS	54.2 10.844 93	56.7 9.572 849	60.0 7.801 930	62.5 6.113 897	67.3 4.544 930	71.2 2.531 899	71.8 2.642 930	72.7 2.456 930	72.7 2.235 895	68.3 5.436 930	63.0 8.055 900	58.1 10.240 930	64.9 9.293 10950
16-08	MEAN S.D. TOTAL OBS	53.0 10.932 929	56.3 9.794 848	60.0 8.100 930	62.9 6.156 895	67.8 4.683 930	71.8 2.626 900	72.3 2.735 930	73.1 2.563 928	73.2 2.280 898	68.7 5.459 930	62.8 8.205 900	57.7 10.277 930	65.1 9.610 10948
19-11	MEAN S.D. TOTAL OBS	56.2 11.517 930	58.3 9.974 849	61.5 8.158 930	64.0 6.135 897	68.7 4.503 929	72.4 2.616 900	72.9 2.556 929	74.0 2.452 929	74.2 2.181 899	69.8 5.453 930	64.4 8.097 900	59.9 10.244 930	66.4 9.303 10952
12-14	MEAN S.D. TOTAL OBS	56.7 11.595 930	58.7 9.603 849	61.8 7.725 930	64.2 5.800 900	69.0 4.304 928	72.4 2.705 900	73.0 2.643 930	74.0 2.492 930	74.0 2.477 898	69.5 5.454 930	64.5 7.808 900	60.2 9.903 930	66.5 9.053 10955
15-17	MEAN S.D. TOTAL OBS	56.4 11.711 930	58.6 9.333 849	61.7 7.259 930	63.9 5.716 900	68.7 4.172 930	72.0 2.605 900	72.6 2.785 929	73.4 2.605 930	73.5 2.421 899	69.1 5.502 930	64.3 7.628 900	60.0 9.843 930	66.2 8.918 10957
18-20	MEAN S.D. TOTAL OBS	56.3 10.727 930	58.5 8.777 849	61.3 7.118 927	63.3 5.720 900	68.2 4.176 930	71.6 2.615 900	72.2 2.719 930	73.1 2.581 930	73.0 2.365 930	68.9 5.399 930	64.0 7.316 899	59.7 9.663 930	65.9 8.664 10955
21-23	MEAN S.D. TOTAL OBS	55.8 10.266 930	58.1 8.791 849	61.2 7.185 927	63.3 5.559 900	68.1 4.279 930	71.7 2.538 900	72.2 2.628 930	73.1 2.482 930	72.9 2.155 899	68.8 5.426 930	63.7 7.550 899	59.2 9.631 930	65.7 8.724 10954
ALL HOURS	MEAN S.D. TOTAL OBS	55.6 11.043 7438	57.8 9.435 4791	61.0 7.641 7438	63.4 5.897 7189	68.2 4.424 7437	71.8 2.632 7199	72.4 2.700 7438	73.3 2.549 7437	73.3 2.361 7186	69.0 5.452 7480	63.8 7.836 7198	59.2 10.008 7480	65.8 9.092 87627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722726
STATION

HOMESTEAD AFB FL
STATION NAME

75-84

PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	100.0	100.0	100.0	99.8	98.5	93.2	78.6	46.9	8.6	78.3	929
	3-05	100.0	100.0	100.0	99.9	98.2	94.3	83.4	54.3	8.7	79.7	930
	6-08	100.0	100.0	100.0	99.8	99.0	94.9	85.3	56.9	11.3	80.5	929
	9-11	100.0	100.0	99.6	97.4	93.7	79.5	53.7	19.4	3.4	70.2	930
	12-14	100.0	99.9	96.9	90.9	81.1	54.2	24.3	5.3	1.4	60.7	930
	15-17	100.0	99.2	94.8	88.9	78.0	57.6	28.3	6.5	.4	60.8	930
	18-20	100.0	100.0	98.4	95.3	89.2	80.0	57.2	25.2	1.6	70.3	930
	21-23	100.0	100.0	100.0	99.2	94.8	88.4	73.2	38.2	6.5	75.6	930
TOTALS												
TOTALS		100.0	99.9	98.7	96.4	91.6	80.3	60.5	31.6	5.2	72.0	7438

RELATIVE HUMIDITY

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

122226
STATION

HOMESTEAD AFB FL
STATION NAME

75-84
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	99.4	98.2	93.5	81.2	50.3	7.9	79.1	849
	3-05	100.0	100.0	100.0	99.8	98.7	95.5	81.5	55.4	12.5	80.6	849
	06-08	100.0	100.0	100.0	99.6	98.8	96.2	83.7	53.7	12.6	80.6	848
	09-11	100.0	100.0	99.6	98.1	91.6	77.1	48.1	19.7	2.9	69.2	849
	12-14	100.0	100.0	98.0	92.9	81.7	55.0	22.7	5.8	.6	61.1	849
	15-17	100.0	100.0	97.2	91.9	80.6	57.1	26.3	7.8	1.8	61.8	849
	18-20	100.0	100.0	99.1	96.5	93.1	81.3	55.1	24.3	2.8	70.8	849
	21-23	100.0	100.0	100.0	98.8	96.9	90.6	72.4	43.2	5.9	76.7	849
TOTALS												
TOTALS		100.0	100.0	99.2	97.1	92.5	80.8	58.9	32.5	5.9	72.5	6791

GLOBAL CLIMATE DATA BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

RELATIVE HUMIDITY

122 26
STATION

HOMESTEAD AFB FL

STATION NAME

75-84

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	98.6	93.5	75.9	46.5	9.0	78.1	930
	03-05	100.0	100.0	100.0	100.0	99.5	96.8	79.4	51.9	13.0	79.9	930
	06-08	100.0	100.0	100.0	100.0	99.5	95.7	77.5	51.0	11.4	79.2	930
	09-11	100.0	100.0	100.0	99.2	93.4	68.5	36.2	11.5	.9	66.2	930
	12-14	100.0	100.0	99.6	96.7	83.1	48.1	18.7	4.2	.6	60.7	930
	15-17	100.0	100.0	99.6	96.8	85.3	51.1	20.2	4.9	1.3	61.6	930
	18-20	100.0	100.0	99.9	98.8	94.1	80.4	48.4	17.0	1.9	69.4	927
	21-23	100.0	100.0	100.0	99.9	98.4	90.8	69.3	37.1	6.0	75.6	927
TOTALS		100.0	100.0	99.9	98.9	94.0	78.1	53.2	28.0	5.5	71.3	7434

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

172.26
STATION

CHESTEAD AFB FL

STATION NAME

74-83

PERIOD

APR
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	0-02	100.0	100.0	100.0	100.0	99.3	93.9	68.2	31.9	6.1	75.3	900
	03-05	100.0	100.0	100.0	100.0	99.4	95.7	74.4	38.6	8.0	77.3	897
	6-08	100.0	100.0	100.0	100.0	99.2	92.8	67.9	34.2	6.4	75.6	895
	9-11	100.0	100.0	99.9	98.7	90.0	61.9	21.6	4.3	.7	63.3	897
	12-14	100.0	100.0	99.7	96.7	81.7	45.7	12.2	3.0	.2	59.6	900
	15-17	100.0	100.0	99.2	97.4	84.1	53.3	15.3	3.9	.2	61.0	900
	18-20	100.0	100.0	99.7	99.0	95.2	77.0	40.8	9.6	.8	67.5	900
	21-23	100.0	100.0	100.0	99.6	98.9	91.0	61.7	23.4	2.7	72.8	900
TOTALS		100.0	100.0	99.8	98.9	93.5	76.4	45.3	18.6	3.1	69.1	7189

USAFETAC

FIGURE 1
M.M. 4.4

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

122 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83

PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02	100.0	100.0	100.0	100.0	100.0	97.3	84.6	48.7	3.7	78.9	930
	3-05	100.0	100.0	100.0	100.0	100.0	98.7	89.4	58.5	6.9	80.8	930
	6-08	100.0	100.0	100.0	100.0	100.0	96.6	82.5	44.0	4.1	78.1	930
	9-11	100.0	100.0	100.0	100.0	97.4	76.1	33.6	6.5	.9	67.2	929
	12-14	100.0	100.0	100.0	98.7	93.6	65.9	23.7	5.1	.2	64.5	928
	15-17	100.0	100.0	100.0	99.2	93.8	71.0	33.5	8.4	.9	66.3	930
	18-20	100.0	100.0	100.0	99.9	99.1	88.8	62.7	18.4	1.8	72.2	930
	21-23	100.0	100.0	100.0	100.0	99.7	96.8	87.5	37.6	1.8	76.9	930
TOTALS		100.0	100.0	100.0	99.7	98.0	96.4	61.1	28.4	2.5	73.1	7437

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JULY	0-02	100.0	100.0	100.0	100.0	99.8	99.6	95.7	56.0	2.3	80.9	900
	3-05	100.0	100.0	100.0	100.0	100.0	99.6	98.2	68.3	3.6	82.5	899
	06-08	100.0	100.0	100.0	100.0	99.9	99.4	91.3	48.7	3.1	79.7	900
	09-11	100.0	100.0	100.0	100.0	99.4	90.7	41.8	7.9	.4	69.7	900
	12-14	100.0	100.0	100.0	100.0	98.7	85.7	29.0	7.6	.3	67.7	900
	15-17	100.0	100.0	100.0	100.0	99.3	88.9	38.3	10.6	.1	69.3	900
	18-20	100.0	100.0	100.0	100.0	99.9	97.0	68.7	17.8	.3	73.8	900
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	92.3	40.6	.7	78.6	900
TOTALS		100.0	100.0	100.0	100.0	99.6	95.1	69.4	32.2	1.4	75.3	7199

RELATIVE HUMIDITY

122726
STATION

HOMESTEAD AFB FL

74-83

JUL

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-02	100.0	100.0	100.0	100.0	100.0	99.7	89.1	37.6	1.5	78.3	930
	3-05	100.0	100.0	100.0	100.0	100.0	99.9	94.4	48.7	3.0	80.1	930
	6-08	100.0	100.0	100.0	100.0	99.9	99.1	83.3	33.8	2.0	77.3	930
	9-11	100.0	100.0	100.0	100.0	99.7	84.7	23.9	3.0	.5	66.6	929
	12-14	100.0	100.0	100.0	100.0	98.4	74.5	16.8	4.1	.5	64.7	930
	15-17	100.0	100.0	100.0	100.0	99.1	78.9	22.0	4.4	.4	65.9	929
	18-20	100.0	100.0	100.0	100.0	99.9	93.5	53.0	10.8	.5	71.3	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.6	82.5	26.6	1.0	76.4	930
TOTALS		100.0	100.0	100.0	100.0	99.6	91.2	58.1	21.1	1.2	72.6	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2026
STATION

HOMESTEAD AFB FL
STATION NAME

74-83

PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
AUG	0-02	100.0	100.0	100.0	100.0	100.0	100.0	93.7	42.2	6.1	79.8	930
	3-05	100.0	100.0	100.0	100.0	100.0	100.0	94.8	49.0	8.2	81.0	930
	6-08	100.0	100.0	100.0	100.0	100.0	99.8	87.5	41.1	8.0	79.2	928
	9-11	100.0	100.0	100.0	100.0	100.0	91.7	38.9	8.8	1.9	69.8	929
	12-14	100.0	100.0	100.0	100.0	98.9	85.1	22.8	6.1	1.4	66.7	930
	15-17	100.0	100.0	100.0	100.0	99.2	88.3	30.8	7.4	1.4	68.1	930
	18-20	100.0	100.0	100.0	100.0	100.0	97.1	65.6	18.5	2.5	74.0	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	87.6	32.3	3.9	77.9	930
TOTALS		100.0	100.0	100.0	100.0	99.8	95.2	65.2	25.7	4.2	74.6	7437

USAFETAC

FORM
JUN 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

122 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83

PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.9	63.0	4.2	82.2	898
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	74.7	7.8	84.0	895
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.2	65.8	6.1	82.6	898
	09-11	100.0	100.0	100.0	100.0	100.0	97.3	54.2	11.0	1.7	72.1	899
	12-14	100.0	100.0	100.0	100.0	99.8	92.1	36.3	10.2	1.4	69.4	898
	15-17	100.0	100.0	100.0	100.0	99.7	95.2	51.8	11.8	1.7	71.5	899
	18-20	100.0	100.0	100.0	100.0	100.0	99.0	86.7	28.8	2.0	77.2	900
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	94.8	52.3	3.9	80.5	899
TOTALS		100.0	100.0	100.0	100.0	99.9	97.9	77.3	39.7	3.6	77.4	7186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

122 26
STATION

HOMESTEAD AFB FL
STATION NAME

74-83

PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
OCT	1-02	100.0	100.0	100.0	100.0	100.0	96.9	85.5	57.6	10.2	80.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	98.5	88.1	64.9	18.1	82.7	930
	6-08	100.0	100.0	100.0	100.0	100.0	97.7	89.6	65.3	16.9	82.6	930
	9-11	100.0	100.0	100.0	99.9	98.7	82.6	52.9	15.8	1.0	70.7	930
	12-14	100.0	100.0	100.0	99.2	94.3	67.0	28.7	7.5	1.4	65.5	930
	15-17	100.0	100.0	99.7	98.6	94.3	73.5	39.6	11.8	2.0	67.8	930
	18-2	100.0	100.0	100.0	99.5	98.8	93.7	73.5	29.6	4.1	75.2	930
	3-23	100.0	100.0	100.0	100.0	99.2	95.8	81.2	45.3	6.8	78.3	930

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12-24
STATION

HOMESTEAD AFB FL

STATION NAME

74-83

PERIOD

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	0-02	100.0	100.0	100.0	100.0	99.4	95.6	83.2	49.6	7.9	79.2	900
	3-05	100.0	100.0	100.0	99.8	99.1	96.6	87.6	56.6	17.3	80.8	900
	6-08	100.0	100.0	100.0	99.9	99.1	96.3	85.8	56.9	9.3	80.6	900
	9-11	100.0	100.0	99.9	99.1	94.7	80.3	49.7	16.4	.9	69.7	900
	12-14	100.0	100.0	99.0	96.4	87.2	61.7	29.6	7.4	.7	64.0	900
	15-17	100.0	100.0	99.1	96.6	90.8	70.3	37.6	11.6	.8	66.1	900
	18-20	100.0	100.0	100.0	99.2	97.7	88.0	65.9	32.5	2.8	74.0	899
	21-23	100.0	100.0	100.0	100.0	99.3	93.4	76.5	41.9	5.8	77.3	899
TOTALS												
TOTALS		100.0	100.0	99.8	98.9	95.9	85.3	64.5	34.1	4.8	74.0	7198

USAFETAC

FORM
101-64

0-87-5 (OL A)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

122026
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02	100.0	100.0	100.0	99.9	97.6	91.4	73.5	43.8	4.9	76.8	930
	3-05	100.0	100.0	100.0	99.9	97.5	92.9	78.4	47.7	7.6	78.0	930
	6-08	100.0	100.0	100.0	100.0	98.5	94.0	79.7	49.1	8.3	78.6	930
	9-11	100.0	100.0	99.7	98.5	94.5	76.3	47.2	15.2	1.5	68.7	930
	12-14	100.0	99.8	98.2	95.7	84.6	52.9	19.1	4.4	.1	61.1	930
	15-17	100.0	99.6	97.5	94.8	85.7	61.9	27.1	6.8	.4	62.7	930
	18-20	100.0	100.0	99.4	97.5	93.5	84.6	67.5	24.1	1.4	71.6	930
	21-23	100.0	100.0	100.0	99.4	96.3	91.0	70.6	39.8	3.2	75.3	930
TOTALS		100.0	99.9	99.4	98.2	93.5	80.6	57.0	28.9	3.4	71.6	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722026
STATION

HOMESTEAD AFB FL
STATION NAME

74-84

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.7	96.4	91.6	80.3	60.5	31.6	5.2	72.0	7438
FEB		100.0	100.0	99.2	97.1	92.5	80.8	58.9	32.5	5.9	72.5	6791
MAR		100.0	100.0	99.9	98.9	94.0	78.1	53.2	28.0	5.5	71.3	7434
APR		100.0	100.0	99.8	98.9	93.5	76.4	45.3	18.6	3.1	69.1	7189
MAY		100.0	100.0	100.0	99.7	98.0	86.4	61.1	28.4	2.5	73.1	7437
JUN		100.0	100.0	100.0	100.0	99.6	95.1	69.4	32.2	1.4	75.3	7199
JUL		100.0	100.0	100.0	100.0	99.6	91.2	58.1	21.1	1.2	72.6	7438
AUG		100.0	100.0	100.0	100.0	99.8	95.2	65.2	25.7	4.2	74.6	7437
SEP		100.0	100.0	100.0	100.0	99.9	97.9	77.3	39.7	3.6	77.4	7186
OCT		100.0	100.0	100.0	99.7	98.2	88.2	67.3	37.2	7.6	75.4	7440
NOV		100.0	100.0	99.8	98.9	95.9	85.3	64.5	34.1	4.8	74.0	7198
DEC		100.0	99.9	99.4	98.2	93.5	80.6	57.0	28.9	3.4	71.6	7440
TOTALS		100.0	100.0	99.7	99.2	96.3	86.3	61.5	29.8	4.0	73.2	87627

USAFETAC

FORM
JUL 84

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

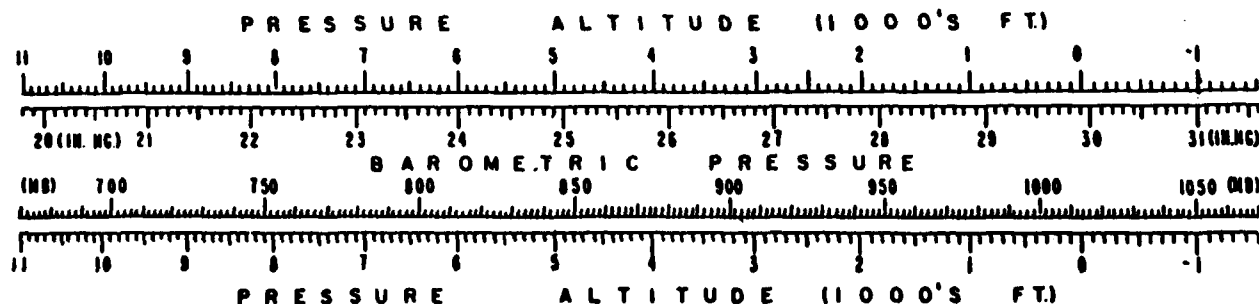
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722726 HOMESTEAD AFB FL

74-84

STATION		STATION NAME												YEARS	
MRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1	MEAN S D TOTAL OBS	30.066 .178 310	30.052 .110 283	30.015 .121 310	30.010 .170 300	29.947 .074 310	29.977 .065 300	30.022 .045 310	30.000 .059 310	29.943 .068 300	29.956 .074 310	30.007 .082 300	30.059 .093 310	30.074 .095 3653	
4	MEAN S D TOTAL OBS	30.047 .179 310	30.026 .119 283	29.985 .121 310	29.985 .099 300	29.925 .074 310	29.952 .064 300	29.999 .045 310	29.975 .060 310	29.916 .069 300	29.973 .076 310	29.988 .084 300	30.040 .094 310	29.981 .096 3653	
7	MEAN S D TOTAL OBS	30.069 .112 310	30.054 .111 283	30.019 .122 310	30.021 .099 300	29.961 .075 310	29.983 .065 300	30.027 .044 310	30.003 .060 310	29.946 .070 300	29.965 .076 310	30.018 .083 310	30.063 .096 310	30.011 .095 3653	
10	MEAN S D TOTAL OBS	30.116 .179 310	30.091 .112 283	30.052 .125 310	30.049 .101 300	29.982 .077 310	30.076 .065 300	30.052 .045 310	30.030 .063 310	29.978 .069 300	29.997 .077 310	30.053 .084 300	30.104 .096 310	30.042 .098 3653	
13	MEAN S D TOTAL OBS	30.043 .111 310	30.052 .115 283	30.020 .128 310	30.023 .106 300	29.959 .081 310	29.988 .066 300	30.038 .046 310	30.010 .064 310	29.948 .069 300	29.954 .078 310	30.002 .086 300	30.053 .098 310	30.009 .098 3653	
16	MEAN S D TOTAL OBS	30.031 .111 310	30.010 .115 283	29.979 .129 310	29.982 .107 300	29.921 .082 310	29.957 .066 300	30.004 .046 310	29.974 .062 310	29.911 .067 300	29.975 .080 310	29.976 .087 300	30.026 .097 310	29.975 .098 3653	
19	MEAN S D TOTAL OBS	30.057 .108 310	30.034 .111 283	29.997 .124 309	29.994 .105 300	29.934 .076 310	29.968 .064 300	30.011 .046 310	29.983 .062 310	29.929 .066 300	29.950 .077 310	30.005 .084 300	30.054 .093 310	29.993 .097 3652	
22	MEAN S D TOTAL OBS	30.083 .107 310	30.064 .111 283	30.030 .122 309	30.029 .100 299	29.969 .074 310	30.001 .064 300	30.044 .045 310	30.019 .060 310	29.968 .066 300	29.982 .074 310	30.031 .083 300	30.078 .093 310	30.025 .094 3651	
ALL HOURS	MEAN S D TOTAL OBS	30.066 .112 2480	30.048 .114 2264	30.012 .126 2478	30.012 .104 2399	29.950 .079 2480	29.979 .067 2400	30.025 .049 2480	29.999 .064 2480	29.942 .071 2400	29.958 .080 2480	30.010 .087 2480	30.060 .097 2480	30.005 .099 29221	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

722 26 HOMESTEAD AFB FL

74-84

STATION		STATION NAME												YEARS	
MRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1	MEAN S D TOTAL OBS	1018.8 3.646 31	018.3 3.711 283	017.1 4.087 310	016.9 3.390 300	14.8 2.519 310	015.8 2.194 300	017.3 1.526 310	016.6 2.017 310	014.7 2.282 300	015.1 2.518 310	016.8 2.780 300	018.6 3.143 310	1016.7 3.212 3653	
11	MEAN S D TOTAL OBS	1018.2 3.685 31	017.5 3.716 283	016.1 4.110 310	016.1 3.366 300	014.1 2.517 310	015.0 2.179 300	016.6 1.490 310	015.7 2.026 310	013.7 2.336 300	014.3 2.570 310	016.2 2.828 300	017.9 3.173 310	1015.9 3.244 3653	
7	MEAN S D TOTAL OBS	1018.9 3.765 31	018.4 3.761 283	017.2 4.151 310	017.3 3.346 300	015.3 2.516 310	016.0 2.196 300	017.5 1.483 310	016.7 2.100 310	014.8 2.365 300	015.4 2.572 310	017.2 2.820 300	018.7 3.239 310	1017.0 3.231 3653	
7	MEAN S D TOTAL OBS	1020.5 3.707 31	019.7 3.794 283	018.4 4.267 310	018.3 3.438 300	016.4 2.626 310	016.8 2.211 300	018.4 1.573 310	017.6 2.155 310	015.8 2.353 300	016.5 2.619 310	018.4 2.840 300	020.1 3.235 310	1018.0 3.338 3653	
7	MEAN S D TOTAL OBS	1018.7 3.752 31	018.3 3.885 283	017.3 4.329 310	017.4 3.583 300	015.2 2.736 310	016.2 2.220 300	017.9 1.542 310	016.9 2.134 310	014.8 2.337 300	015.0 2.654 310	016.6 2.906 300	018.4 3.324 310	1016.9 3.311 3653	
4	MEAN S D TOTAL OBS	1017.6 3.738 31	016.9 3.895 283	015.9 4.364 310	016.0 3.640 300	013.9 2.767 310	015.1 2.232 300	016.7 1.547 310	015.7 2.115 310	013.6 2.247 300	014.1 2.702 310	015.8 2.933 300	017.5 3.276 310	1015.7 3.320 3653	
10	MEAN S D TOTAL OBS	1018.5 3.660 31	017.7 3.774 283	016.5 4.209 309	016.4 3.555 300	014.3 2.608 310	015.5 2.144 300	017.0 1.547 310	016.0 2.071 310	014.2 2.243 300	014.9 2.614 310	016.8 2.846 300	018.4 3.165 310	1016.3 3.273 3652	
2	MEAN S D TOTAL OBS	1019.4 3.637 31	018.8 3.760 283	017.6 4.146 309	017.6 3.398 299	015.5 2.510 310	016.4 2.167 300	018.1 1.537 310	017.2 2.037 310	015.5 2.247 300	016.0 2.514 310	017.6 2.804 300	019.2 3.149 310	1017.4 3.186 3651	
ALL HOURS	MEAN S D TOTAL OBS	1018.8 3.778 2880	018.2 3.862 2268	017.0 4.274 2478	017.0 3.540 2399	014.9 2.687 2480	015.9 2.275 2400	017.4 1.638 2480	016.4 2.185 2480	014.4 2.414 2400	015.2 2.698 2480	016.9 2.942 2400	018.6 3.295 2480	1016.8 3.340 29221	

CLIMATE BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 6 HCMFSTEAD AFB FL

75-84

1984

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 1-57

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0.1	≥0
NO CEILING		65.9	67.8	68.3	68.8	69.0	69.2	69.4	69.4	69.4	69.6	69.6	69.7	69.7	69.8	70.3
≥ 20000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 18000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 16000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 14000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 12000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 10000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 9000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 8000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 7000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 6000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 5000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 4500		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 4000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 3500		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 3000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 2500		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 2000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 1800		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 1500		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 1200		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 1000		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 900		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 800		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 700		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 600		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 500		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 400		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 300		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 200		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 100		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9
≥ 0		7.3	72.4	72.8	73.3	73.5	73.9	74.0	74.0	74.0	74.2	74.2	74.3	74.3	74.4	74.9

TOTAL NUMBER OF OBSERVATIONS 93

LOCAL CLIMATOLOGY BRANCH
ETAC
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
WHEATSTEAD AFB FL

75-64

YEARS

1964

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-7870
NO. 1-1-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING		51.1	61.7	63.1	63.5	64.0	64.1	64.4	64.4	64.6	64.8	64.9	64.9	64.9	65.1	65.7
≥ 20000		53.3	67.5	69.0	69.7	70.1	70.1	70.5	70.5	70.8	71.0	71.1	71.1	71.1	71.2	71.8
≥ 18000		53.4	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 16000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 14000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 12000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 10000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 9000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 8000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 7000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 6000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 5000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 4500		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 4000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 3500		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 3000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 2500		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 2000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 1800		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 1500		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 1200		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 1000		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 900		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 800		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 700		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 600		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 500		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 400		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 300		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 200		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 100		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9
≥ 0		53.5	67.6	69.1	69.8	70.2	70.2	70.6	70.6	70.9	71.1	71.2	71.2	71.2	71.3	71.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

75-84

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1962-1130
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING		58.4	59.1	54.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥20000		4.2	67.5	68.4	64.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IN 18000		4.2	67.5	68.4	64.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IN 16000		4.2	67.5	68.4	64.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IN 14000		5.3	68.6	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IN 12000		6.2	69.6	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IN 10000		7.0	73.4	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IN 9000		7.8	74.3	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IN 8000		7.3	77.1	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IN 7000		7.9	79.7	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IN 6000		7.5	79.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IN 5000		7.3	83.3	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IN 4500		7.9	85.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IN 4000		7.8	87.2	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IN 3500		7.3	88.9	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IN 3000		7.8	91.8	93.7	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IN 2500		7.5	91.7	94.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IN 2000		7.6	93.7	95.4	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IN 1800		7.6	93.2	95.6	96.2	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
IN 1500		7.7	93.4	95.8	96.7	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IN 1200		7.2	93.5	95.9	97.1	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IN 1000		7.2	93.7	96.1	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IN 900		7.3	93.7	96.0	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IN 800		7.4	93.9	96.5	97.6	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IN 700		7.4	93.9	96.5	97.6	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IN 600		7.4	93.9	96.5	97.6	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IN 500		7.4	94.0	96.6	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IN 400		7.4	94.1	96.7	98.0	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IN 300		7.4	94.1	96.7	98.0	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IN 200		7.4	94.1	96.7	98.0	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IN 100		7.4	94.1	96.7	98.0	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IN 0		7.4	94.1	96.7	98.0	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 93

GENERAL CLIMATOLOGY BRANCH
ETAC
AIR FLEETING SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

YEAR 1964

MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1964-1965
HOURS 1-5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING		51.3	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000		51.3	69.8	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000		69.8	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000		69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000		69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4500		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3500		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2500		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1500		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 900		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 800		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 700		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 600		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 500		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 400		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 300		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 200		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 100		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 0		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1

TOTAL NUMBER OF OBSERVATIONS 931

CLIMATE BRANCH
 ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WHESTEAD AFB FL YEAR 75-84 MONTH JAN
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 5-17-80
 SOURCE 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING ≥ 20000	58.1	58.2	58.2	59.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	79.7	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	83.4	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	86.7	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	88.2	88.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	94.2	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	95.8	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	97.2	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	97.4	97.4	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.8	97.8	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	98.4	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.5	98.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	98.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 431

CLIMATE DIVISION
AFMPC
AFMPC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

75-84

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

8-2-75

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING		5.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000		3.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000		3.5	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000		75.2	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000		74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000		75.5	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000		74.9	79.2	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000		77.1	79.5	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000		82.6	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000		84.4	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000		85.5	86.0	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000		88.3	88.8	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500		90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000		91.0	91.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500		94.3	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000		95.5	96.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500		96.1	96.8	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000		97.1	97.6	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		97.1	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500		97.3	98.0	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		97.4	98.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		97.5	98.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.5	98.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 75-86 HOMESTEAD AFB FL

YEARS 75-84

MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-2-230
HOURS-1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		3.7	74.7	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 20000		7.4	78.8	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000		7.4	79.0	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000		7.5	79.7	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000		7.6	79.5	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000		7.8	80.8	81.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000		7.3	84.7	84.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000		3.4	84.2	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000		5.5	86.2	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000		6.8	87.5	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000		7.6	88.4	88.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000		8.6	90.6	91.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500		9.6	91.7	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000		11.6	92.8	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500		13.2	94.4	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000		14.4	95.6	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500		14.8	96.1	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000		15.4	96.9	97.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800		15.4	96.9	97.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500		15.6	97.1	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		15.9	97.5	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		16.1	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		16.2	97.8	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 93

1. NAME OF CLIMATE DIVISION
2. NAME OF STATION
3. LOCATION OF SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION NAME HUMPHREYS AFB FL

YEARS 75-84

MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		3.0	64.0	65.7	55.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥ 20000		7.0	72.0	72.8	73.1	73.4	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7
≥ 18000		7.0	72.0	72.9	73.3	73.4	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.9
≥ 16000		7.0	72.0	73.1	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	74.0
≥ 14000		7.0	72.0	73.4	73.8	73.9	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.4
≥ 12000		7.0	74.0	74.9	75.3	75.4	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.9
≥ 10000		7.0	77.6	78.2	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.4
≥ 9000		7.0	78.0	78.7	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.9
≥ 8000		7.0	81.0	81.5	82.1	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.7
≥ 7000		7.0	82.0	83.3	84.0	84.3	84.3	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.5
≥ 6000		7.0	83.3	84.1	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.3
≥ 5000		7.0	85.0	86.7	87.3	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.0
≥ 4500		7.0	87.2	88.1	88.7	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.4
≥ 4000		7.0	89.0	89.9	90.5	90.6	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.2
≥ 3500		7.0	90.7	91.6	92.2	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.9
≥ 3000		7.0	92.5	93.5	94.1	94.2	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.9
≥ 2500		7.0	93.1	94.5	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	96.0
≥ 2000		7.0	94.3	95.4	96.0	96.2	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.9
≥ 1800		7.0	94.4	95.5	96.2	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.9	96.9	96.9	97.1
≥ 1500		7.0	94.8	95.8	96.6	96.7	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.5
≥ 1200		7.0	95.0	96.1	96.9	97.1	97.2	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.9
≥ 1000		7.0	95.2	96.4	97.2	97.3	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.1
≥ 900		7.0	95.2	96.4	97.2	97.3	97.5	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.1	98.2
≥ 800		7.0	95.3	96.6	97.4	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.4
≥ 700		7.0	95.4	96.7	97.5	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.5
≥ 600		7.0	95.5	96.8	97.6	97.8	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.8
≥ 500		7.0	95.6	96.9	97.8	98.0	98.3	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	99.0
≥ 400		7.0	95.6	97.0	98.0	98.2	98.5	98.8	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4
≥ 300		7.0	95.6	97.0	98.1	98.3	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.6
≥ 200		7.0	95.6	97.0	98.1	98.3	98.7	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.5	99.7
≥ 100		7.0	95.6	97.0	98.1	98.3	98.7	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.5	99.9
≥ 0		7.0	95.6	97.0	98.1	98.3	98.7	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 748

CLIMATE CLIMATOLOGY BRANCH
STATETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: HUNTSVILLE AFB FL YEAR: 75-84 MONTH: FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO-3-30
FORM 117

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING		5.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000		69.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000		69.8	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000		69.8	70.4	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000		71.2	71.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000		71.9	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000		73.9	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000		74.0	74.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000		77.6	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000		77.9	78.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000		81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000		82.3	82.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500		84.5	85.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000		86.7	87.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500		87.7	87.6	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000		90.5	90.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500		91.5	93.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000		92.1	93.8	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800		92.3	94.1	95.3	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
≥ 1500		93.4	95.1	96.6	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 1200		93.4	95.2	96.8	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 1000		94.1	95.8	97.4	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 900		94.1	95.9	97.5	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 800		94.2	96.1	97.6	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 700		94.3	96.1	97.8	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 600		94.3	96.1	97.8	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 500		94.5	96.2	97.9	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400		94.6	96.3	98.1	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 300		94.6	96.5	98.1	99.1	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 200		94.6	96.5	98.1	99.1	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100		94.6	96.5	98.1	99.1	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 0		94.6	96.5	98.1	99.1	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 889

NATIONAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

YEARS 75-84

FFP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

71.2-0500
 HOUR 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING		62.9	64.2	64.8	65.1	65.1	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000		66.8	67.7	68.3	68.8	68.8	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IN 18000		66.5	67.8	68.4	68.9	68.9	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IN 16000		66.5	67.8	68.4	68.9	68.9	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IN 14000		67.0	68.3	68.9	69.4	69.4	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IN 12000		67.7	69.1	69.6	70.1	70.1	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IN 10000		70.4	71.7	72.3	72.8	72.8	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IN 9000		70.0	72.3	72.9	73.5	73.5	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IN 8000		74.1	75.5	76.2	76.8	76.8	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IN 7000		75.3	76.7	77.4	78.0	78.0	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IN 6000		76.4	78.1	79.7	79.3	79.3	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IN 5000		78.0	79.6	80.3	80.9	80.9	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IN 4500		74.6	81.1	82.1	82.7	82.7	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IN 4000		81.1	83.9	84.6	85.3	85.3	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IN 3500		83.0	85.3	86.0	86.7	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 3000		86.7	88.7	89.8	90.5	90.5	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IN 2500		88.3	90.5	91.5	92.2	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IN 2000		88.9	91.2	92.2	92.9	92.9	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IN 1800		89.3	91.5	92.6	93.3	93.3	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 1500		90.1	92.5	93.5	94.2	94.2	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IN 1200		90.3	92.7	94.1	94.7	94.7	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IN 1000		90.3	92.8	94.2	94.9	94.9	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 900		90.5	92.9	94.3	95.1	95.1	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 800		90.5	92.9	94.3	95.1	95.1	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 700		90.7	93.2	94.7	95.4	95.4	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IN 600		90.7	93.8	95.3	96.0	96.0	96.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
IN 500		91.6	94.3	95.9	96.7	96.7	97.4	97.4	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9
IN 400		91.6	94.5	96.2	97.1	97.1	97.9	97.9	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IN 300		91.6	94.5	96.2	97.1	97.1	98.0	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8
IN 200		91.6	94.5	96.2	97.1	97.1	98.0	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8
IN 100		91.6	94.5	96.2	97.1	97.1	98.0	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8
IN 0		91.6	94.5	96.2	97.1	97.1	98.0	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 889

LOCAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

YEARS 75-84

MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

660-7800
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	65.4	62.9	63.6	65.7	65.4	65.4	65.5	65.5	65.7	66.1	66.1	66.1	66.2	66.2	66.3	
≥ 20000	65.6	68.7	67.4	71.1	71.1	71.1	71.3	71.3	71.5	71.8	71.8	71.8	72.0	72.0	72.1	
≥ 18000	65.4	68.9	69.6	71.1	71.1	71.4	71.5	71.5	71.7	72.1	72.1	72.1	72.2	72.2	72.3	
≥ 16000	66.0	69.0	69.7	71.1	71.1	71.5	71.6	71.6	71.8	72.2	72.2	72.2	72.3	72.3	72.4	
≥ 14000	66.8	69.8	73.6	72.0	72.0	72.3	72.4	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.3	
≥ 12000	66.7	71.8	71.5	72.9	73.0	73.4	73.5	73.5	73.7	74.1	74.1	74.1	74.2	74.2	74.3	
≥ 10000	66.5	72.8	73.5	74.9	75.4	75.4	75.5	75.5	75.7	76.1	76.1	76.1	76.2	76.2	76.3	
≥ 9000	70.2	73.5	74.2	75.6	75.7	76.1	76.2	76.2	76.4	76.8	76.8	76.8	76.9	76.9	77.0	
≥ 8000	72.9	76.6	77.5	78.9	79.0	79.4	79.5	79.5	79.7	80.1	80.1	80.1	80.2	80.2	80.3	
≥ 7000	73.4	77.5	78.6	80.0	80.1	80.4	80.6	80.6	80.8	81.2	81.2	81.2	81.3	81.3	81.4	
≥ 6000	74.7	78.3	79.4	81.8	80.9	81.3	81.4	81.4	81.6	82.0	82.0	82.0	82.1	82.1	82.2	
≥ 5000	75.6	79.6	81.8	82.2	82.3	82.7	82.8	82.8	83.0	83.4	83.4	83.4	83.5	83.5	83.6	
≥ 4500	77.0	81.1	82.2	83.7	83.9	84.2	84.3	84.3	84.6	84.9	84.9	84.9	85.0	85.0	85.2	
≥ 4000	78.0	82.2	83.3	84.8	84.9	85.3	85.4	85.4	85.6	86.1	86.1	86.1	86.1	86.1	86.2	
≥ 3500	78.7	83.3	84.3	86.0	86.1	86.5	86.6	86.6	86.8	87.2	87.2	87.2	87.3	87.3	87.4	
≥ 3000	79.2	84.7	86.7	88.5	88.6	88.9	89.0	89.0	89.3	89.6	89.6	89.6	89.8	89.8	89.9	
≥ 2500	81.7	86.7	88.8	90.6	90.7	91.1	91.2	91.2	91.4	91.8	91.8	91.8	91.9	91.9	92.0	
≥ 2000	82.4	87.6	89.8	91.5	91.6	92.3	92.5	92.5	92.7	93.1	93.1	93.1	93.2	93.2	93.3	
≥ 1800	82.6	87.8	89.9	91.6	91.8	92.5	92.6	92.6	92.8	93.2	93.2	93.2	93.3	93.3	93.4	
≥ 1500	83.5	88.9	91.0	92.2	92.3	93.0	93.1	93.1	93.3	93.7	93.7	93.7	93.8	93.8	93.9	
≥ 1200	83.7	89.2	91.3	93.4	93.5	94.2	94.3	94.3	94.6	94.9	94.9	94.9	95.1	95.1	95.2	
≥ 1000	83.9	89.4	91.5	93.8	93.9	94.6	94.7	94.7	94.9	95.3	95.3	95.3	95.4	95.4	95.5	
≥ 900	84.1	89.6	91.8	94.1	94.1	94.8	94.9	94.9	95.2	95.5	95.6	95.6	95.8	95.8	95.9	
≥ 800	84.2	89.9	92.0	94.2	94.3	95.1	95.2	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.2	
≥ 700	84.3	90.0	92.2	94.6	94.8	95.5	95.8	95.8	96.1	96.3	96.5	96.5	96.6	96.6	96.8	
≥ 600	84.4	90.1	92.3	94.7	94.9	95.6	95.9	95.9	96.1	96.5	96.6	96.6	96.8	96.8	97.1	
≥ 500	84.5	90.2	92.4	95.1	95.3	96.0	96.2	96.2	96.5	96.8	96.9	96.9	97.2	97.2	97.5	
≥ 400	84.6	90.3	92.5	95.2	95.6	96.3	96.6	96.6	96.8	97.2	97.3	97.3	97.5	97.5	98.0	
≥ 300	84.7	90.4	92.6	95.3	95.9	96.6	96.8	96.8	97.1	97.4	97.5	97.5	97.9	97.9	98.7	
≥ 200	84.8	90.5	92.7	95.4	96.0	96.8	97.1	97.1	97.4	97.8	97.9	97.9	98.2	98.2	98.9	
≥ 100	84.9	90.6	92.8	95.5	96.1	96.9	97.1	97.1	97.4	97.8	97.9	97.9	98.2	98.2	98.9	
≥ 0	85.0	90.7	92.9	95.6	96.2	97.0	97.1	97.1	97.4	97.8	97.9	97.9	98.2	98.2	98.9	

TOTAL NUMBER OF OBSERVATIONS 889

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

STATION

HUMFSTEAL AFB FL

75-84

YEARS

FFR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2-2-11-11
1000-11-11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING		58.1	59.8	61.0	61.2	61.2	61.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000		54.5	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000		55.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000		55.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000		55.4	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000		57.1	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000		71.3	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000		71.6	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000		75.6	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000		77.1	79.5	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000		77.6	80.7	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000		79.4	82.1	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500		81.0	83.7	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000		83.9	86.8	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500		84.7	87.6	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000		87.5	90.5	91.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		89.3	92.8	93.8	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000		89.8	93.3	94.2	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800		89.8	93.3	94.2	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500		90.7	94.3	95.4	96.2	96.5	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		91.1	94.7	95.8	96.6	96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		91.3	94.9	96.1	96.8	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		91.3	95.1	96.1	97.2	97.4	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		91.5	95.4	96.5	97.5	97.8	98.0	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		91.5	95.5	96.6	97.6	97.9	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0		91.6	95.6	96.8	97.9	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 845

LOCAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WONSTEAD AFB FL

YEARS 75-84

MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

12 3-1477
 HOURS PER YEAR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING		61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000		70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000		82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000		83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000		91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 800

UNITED STATES AIR FORCE
 AFETAC
 AIR FORCE SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME COMSTEELE AFB FL

75-84

FFP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6-1730

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 688

LOCAL CLIMATOLOGY BRANCH
SAFETAC
AIRMASTER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

75-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

8,117-2,000
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 8,829

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
ETAC
AFM-14-5 (OL A) SERVICE/MAAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

YEARS 75-84

MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-23-84
HOURS 11-14

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥4	≥0
NO CEILING		67.6	67.8	68.	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000		72.1	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000		72.4	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000		72.1	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000		72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000		74.3	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000		76.8	77.	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000		77.0	77.3	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000		80.3	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000		82.7	82.9	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000		83.3	83.5	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000		84.9	85.4	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500		86.5	87.2	87.3	87.9	88.	88.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000		87.9	88.7	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500		90.9	90.7	90.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000		92.1	93.3	93.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500		93.2	94.3	94.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		94.6	95.8	96.1	97.3	97.4	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800		94.7	95.9	96.2	97.4	97.5	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		95.4	96.3	96.8	98.0	98.1	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200		95.4	96.9	97.6	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		95.4	97.1	97.8	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		95.4	97.1	97.8	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		95.4	97.2	97.9	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		95.4	97.3	98.1	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		95.4	97.3	98.1	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		95.4	97.3	98.1	99.3	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		95.4	97.3	98.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.4	97.3	98.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.4	97.3	98.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.4	97.3	98.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.4	97.3	98.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

75-89

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	•	53.1	64.0	64.3	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 20000	•	59.2	71.1	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	•	55.4	70.7	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	•	64.5	70.4	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	•	70.1	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	•	71.2	72.1	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	•	74.2	75.2	75.5	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 9000	•	74.7	75.7	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	•	77.9	79.1	79.5	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 7000	•	77.4	80.6	81.1	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	•	80.3	81.5	82.0	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	•	81.9	83.3	83.8	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	•	83.1	84.6	85.1	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	•	85.1	86.5	87.1	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	•	86.4	88.0	88.6	89.4	89.5	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	•	88.8	90.7	91.5	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	•	90.2	92.3	93.2	94.2	94.4	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	•	91.1	93.2	94.2	95.3	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 1800	•	91.3	93.5	94.5	95.5	95.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	•	92.0	94.3	95.4	96.5	96.6	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	•	92.4	94.7	95.9	97.0	97.1	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	•	92.7	95.0	96.1	97.3	97.5	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	•	92.6	95.1	96.2	97.5	97.6	97.9	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4
≥ 800	•	92.6	95.2	96.3	97.6	97.7	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	•	92.7	95.3	96.5	97.7	97.9	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	•	92.8	95.4	96.6	97.9	98.1	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	•	92.9	95.5	96.8	98.0	98.2	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	•	92.9	95.6	96.9	98.2	98.4	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	•	92.9	95.6	96.9	98.2	98.4	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	•	92.9	95.6	96.9	98.2	98.4	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	•	92.9	95.6	96.9	98.2	98.4	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	•	92.9	95.6	96.9	98.2	98.4	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 6792

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 73 20 HOMESTEAD AFB FL

YEARS 75-84

MONTH NA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

760-0200
NOV 11 1984

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 20000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 18000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 16000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 14000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 12000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 10000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 9000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 8000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 7000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 6000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 5000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 4500		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 4000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 3500		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 3000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 2500		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 2000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1800		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1500		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1200		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1000		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 900		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 800		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 700		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 600		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 500		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 400		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 300		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 200		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 100		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 0		74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-1500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING		72.5	74.3	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	76.1
≥ 20000		75.9	77.7	78.4	78.7	78.7	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.6
≥ 18000		75.4	77.7	78.4	78.7	78.7	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.6
≥ 16000		75.9	77.7	78.4	78.7	78.7	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.6
≥ 14000		76.0	77.8	78.5	78.8	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.7
≥ 12000		76.2	78.1	78.7	79.0	79.0	79.1	79.1	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.9
≥ 10000		77.1	81.1	81.6	81.9	81.9	82.0	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.8
≥ 9000		77.4	81.3	81.9	82.3	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	83.1
≥ 8000		77.4	83.4	84.3	84.7	84.7	84.8	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.6
≥ 7000		73.5	85.6	86.5	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.7
≥ 6000		73.7	85.7	86.6	87.0	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.8
≥ 5000		75.6	87.6	88.5	88.9	88.9	89.0	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.8
≥ 4500		76.5	88.5	89.7	90.2	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6	91.1
≥ 4000		77.7	89.8	91.0	91.5	91.5	91.6	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.4
≥ 3500		78.4	90.5	91.7	92.3	92.3	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	93.1
≥ 3000		79.1	92.4	93.3	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	95.2
≥ 2500		79.3	93.5	94.9	95.5	95.5	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.3
≥ 2000		79.8	94.1	95.5	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.9
≥ 1800		79.2	94.4	95.8	96.3	96.3	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	97.2
≥ 1500		79.5	94.8	96.3	96.9	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.8
≥ 1200		79.7	95.1	96.6	97.1	97.1	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	98.1
≥ 1000		79.8	95.4	97.0	97.5	97.5	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.5
≥ 900		79.3	95.6	97.2	97.7	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.7
≥ 800		79.1	95.7	97.3	97.8	97.8	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.9
≥ 700		79.1	95.7	97.3	98.0	98.0	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.9
≥ 600		79.1	95.7	97.3	98.2	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	99.4
≥ 500		79.2	95.8	97.5	98.3	98.3	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.6
≥ 400		79.2	95.8	97.5	98.4	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.8
≥ 300		79.2	95.8	97.5	98.4	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.8
≥ 200		79.2	95.8	97.5	98.4	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.8
≥ 100		79.2	95.8	97.5	98.4	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.8
≥ 0		79.2	95.8	97.5	98.4	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.8

TOTAL NUMBER OF OBSERVATIONS 93

LOCAL CLIMATOLOGY BRANCH
METEOROLOGICAL
AIRFIELD SERVICE/44C

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

YEAR 75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 1-75

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 20000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 18000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 16000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 14000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 12000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 10000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 9000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 8000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 7000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 6000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 5000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 4500		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 4000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 3500		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 3000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 2500		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 2000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 1800		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 1500		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 1200		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 1000		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 900		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 800		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 700		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 600		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 500		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 400		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 300		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 200		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 100		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3
≥ 0		6.6	7.1	71.4	71.8	72.1	72.7	72.3	72.4	72.5	72.8	72.8	72.8	73.0	73.0	73.3

TOTAL NUMBER OF OBSERVATIONS 933

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION FORRESTAL AFB FL

YEARS 75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

940-1100
FORM 11-74

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.10	≥.05	≥.01	≥0
NO CEILING		5.2	69.1	59.6	64.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000		74.4	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000		75.1	76.0	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000		75.4	76.3	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000		76.1	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000		77.1	78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000		77.2	81.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000		77.7	81.8	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000		77.8	83.2	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000		77.8	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000		78.5	84.9	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000		78.5	86.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500		78.6	87.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000		78.6	89.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500		84.5	91.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000		84.7	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500		84.9	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000		84.9	96.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800		84.9	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		84.9	97.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		85.4	97.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		85.6	97.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		85.6	97.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		85.7	97.7	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		85.8	97.8	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		85.8	97.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 911

U.S. AIR FORCE CLIMATE BRANCH
 AFM 7-10.1
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME COMSTAD AFB FL

YEARS 75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

FORM 7-10.1

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ 0
NO CEILING		6.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000		6.7	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000		7.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000		7.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000		7.4	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000		7.4	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000		7.4	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000		7.4	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000		7.3	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000		7.4	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000		7.5	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		7.2	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500		7.6	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		7.7	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500		7.2	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000		7.4	94.9	94.9	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500		7.4	95.4	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000		7.6	96.9	98.1	98.1	98.2	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		7.6	97.0	98.1	98.3	98.4	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		7.6	97.5	98.6	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		7.6	97.6	98.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		7.6	97.6	98.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		7.6	97.6	98.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		7.6	97.6	98.7	98.9	99.0	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		7.6	97.7	98.8	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

75-84

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

10-17-75
 ROOM 117

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	7.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	7.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	7.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	7.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	7.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1200	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 900	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 800	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 700	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 600	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 500	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 400	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 300	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 200	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 100	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 0	2.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5

TOTAL NUMBER OF OBSERVATIONS 93

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FORCE SERVICE/ANAC

CEILING VERSUS VISIBILITY

STATION 26 HOMESTEAD AFB FL STATION NAME 75-84 MAP 18-2-2400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥18000		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥16000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥14000		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥12000		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥10000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥9000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥8000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥7000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥6000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥5000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥4500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥4000		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥3500		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥3000		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥2500		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥2000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1800		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥1500		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥1200		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1000		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥900		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥800		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥600		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥500		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥400		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥100		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL YEARS 75-84 MAP 10-2300

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		77.7	81.7	83.3	85.2	86.2	87.2	88.2	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 20000		83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000		83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000		83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000		83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000		84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000		86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000		86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000		88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000		89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000		90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000		91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500		92.8	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000		94.1	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500		94.8	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000		96.3	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500		96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000		97.4	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		97.8	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		98.1	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		98.2	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 927

CLIMATE CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 75 HOMESTEAD AFB FL STATION NAME

75-89 YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	•	71.3	77.3	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.3	73.3	73.3	73.0	73.4	73.1
≥ 20000	•	77.3	78.4	78.7	75.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.3
≥ 18000	•	77.6	78.7	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 16000	•	77.7	78.8	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.7
≥ 14000	•	78.2	79.2	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.1
≥ 12000	•	79.3	80.0	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9
≥ 10000	•	81.2	82.3	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.2
≥ 9000	•	81.6	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.6
≥ 8000	•	83.5	84.7	85.2	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
≥ 7000	•	84.5	85.8	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8
≥ 6000	•	85.1	86.4	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
≥ 5000	•	86.9	88.4	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 4500	•	87.8	89.3	90.0	90.3	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7
≥ 4000	•	88.5	91.1	91.7	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 3500	•	90.6	92.2	92.8	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6
≥ 3000	•	92.5	94.2	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 2500	•	93.8	95.3	96.1	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9
≥ 2000	•	94.5	96.3	97.1	97.5	97.6	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1800	•	94.7	96.5	97.4	97.8	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1500	•	95.2	97.0	97.9	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1200	•	95.3	97.2	98.1	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2
≥ 1000	•	95.4	97.3	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4
≥ 900	•	95.4	97.3	98.2	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4
≥ 800	•	95.5	97.4	98.3	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 700	•	95.5	97.4	98.3	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	•	95.5	97.4	98.3	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.7
≥ 500	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.8
≥ 400	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.9
≥ 300	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.9
≥ 200	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	100.0
≥ 100	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	100.0
≥ 0	•	95.5	97.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7335

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL
STATION NAME

74-83
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING		73.6	79.2	79.7	79.9	79.9	80.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 20000		73.2	83.9	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000		73.2	83.9	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000		73.2	83.9	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000		73.9	84.4	85.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000		74.6	85.2	85.7	85.9	85.9	86.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000		75.2	85.9	86.4	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000		75.7	86.1	86.9	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000		76.2	86.9	87.4	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		76.4	87.2	87.8	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000		76.2	87.1	87.7	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000		76.2	87.1	87.7	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500		76.6	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000		76.6	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500		76.7	87.5	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000		76.4	87.3	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500		75.9	87.1	87.8	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000		76.8	87.9	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800		77.0	88.1	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 700		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 600		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 500		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 400		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 300		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 200		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 100		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 0		77.1	88.2	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL STATION NAME

74-83 YEARS

APP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

750-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING ≥ 20000	79.7	79.3	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	82.0	82.0	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	82.0	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 14000	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 200	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 100	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 5 HOMESTEAD AFB FL

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

REC'D-0870
HOURS 11.5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	76.1	73.4	74.8	75.2	75.4	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	76.1	79.1	80.4	80.9	81.1	81.3	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 18000	76.3	79.3	80.7	81.1	81.3	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	76.4	79.4	80.8	81.2	81.4	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	76.9	79.9	81.2	81.7	81.9	82.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	75.2	81.2	82.6	83.7	83.2	83.6	84.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	79.9	82.9	84.2	84.7	84.9	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	79.1	83.1	84.4	84.9	85.1	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	82.8	85.8	87.1	87.6	87.9	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	83.8	86.8	88.2	88.7	89.0	89.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	84.7	87.9	89.3	89.8	90.1	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	86.3	89.6	91.1	91.6	91.8	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	86.4	89.7	91.1	91.6	91.9	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	87.4	90.7	92.1	92.6	92.9	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	88.1	91.6	93.0	93.4	93.8	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	88.1	93.3	94.8	95.2	95.6	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	91.1	94.6	96.1	96.4	96.8	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	91.4	95.0	96.4	96.9	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	91.6	95.1	96.6	97.0	97.4	97.9	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	91.6	95.3	96.8	97.3	97.9	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	91.6	95.3	96.8	97.3	97.9	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	91.7	95.6	97.1	97.7	98.2	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	91.7	95.7	97.2	97.8	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.7	95.7	97.2	97.8	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.7	95.7	97.2	97.8	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	91.7	95.7	97.2	97.8	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	91.7	95.7	97.2	97.8	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
METEC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1980-11-03

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	79.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	79.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	80.2	81.1	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	80.2	81.1	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	83.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	83.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	86.2	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	87.7	89.7	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	88.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	89.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	89.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	89.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	90.4	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	90.4	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	94.7	96.9	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	95.7	98.0	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	95.7	98.0	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	96.4	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 72 25 HOMESTEAD AFB FL

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1400
HOURS 11 17

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING		71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000		71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000		80.4	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000		80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000		82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000		82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000		84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000		84.6	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000		87.0	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000		87.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000		89.2	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000		90.3	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000		92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500		93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		94.4	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500		96.2	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		97.4	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		97.8	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0		98.1	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/4MAC

CEILING VERSUS VISIBILITY

STATION 66 HUNFSTEAD AFB FL STATION NAME

74-83 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-1700
FOOT FEET

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0
NO CEILING		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1600		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1400		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 65 HOMESTEAD AFB FL STATION NAME

74-83 YEARS

APP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

8.5-2000 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 16000		83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

YEARS 74-83

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

FORM 16-2300
 10-6-75

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		74.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000		5.0	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000		5.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000		5.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000		5.0	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000		5.0	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000		5.0	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000		5.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000		5.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000		5.0	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000		5.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000		5.0	92.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500		5.0	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000		5.0	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500		5.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000		5.0	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500		5.0	96.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000		5.0	97.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		5.0	97.7	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		5.0	98.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		5.0	98.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		5.0	98.3	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		5.0	98.4	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 3	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	•	74.2	75.1	71.3	74.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	•	74.2	82.7	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 18000	•	71.3	82.2	82.5	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	•	71.4	82.3	82.5	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 14000	•	72.1	83.0	83.3	83.5	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	•	72.9	83.8	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	•	74.6	85.5	85.8	86.1	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	•	75.0	85.9	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	•	77.5	88.5	88.8	88.9	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	•	78.4	89.4	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	•	80.2	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	•	80.6	91.7	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	•	81.1	92.1	92.5	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 4000	•	81.1	93.3	93.6	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	•	83.0	94.2	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	•	84.5	95.8	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	•	85.6	96.9	97.4	97.6	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	•	86.3	97.7	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	•	86.4	97.8	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	•	86.7	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1200	•	86.7	98.2	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900	•	86.8	98.3	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	•	86.8	98.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

CLIMATE CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING		3.3	73.9	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 12000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1200		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 900		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 800		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 700		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 600		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 500		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 400		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 300		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 200		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 100		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 0		3.3	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5

TOTAL NUMBER OF OBSERVATIONS 230

AD A147 203

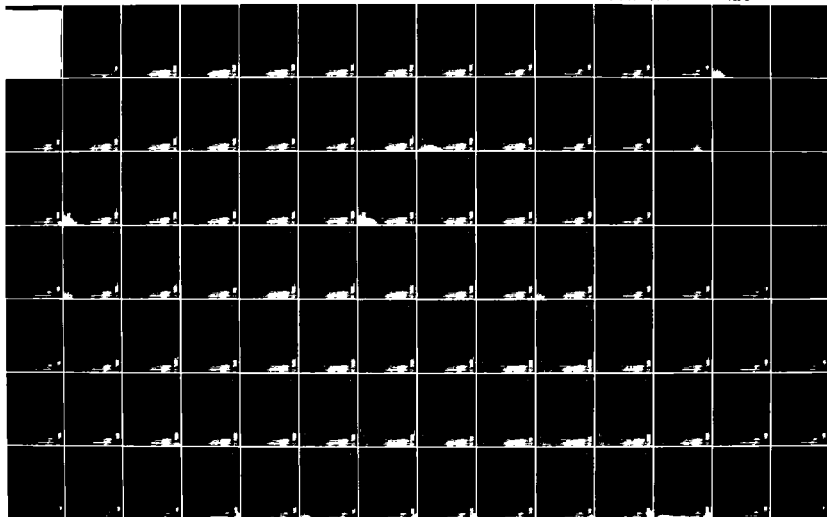
HOMESTEAD AFB FLORIDA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB SEP 84
USAF/TAC/DS R4/032 SRI AD-E850 747

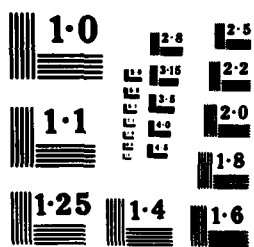
4/5

UNCLASSIFIED

F/G 4/2

NL





LOCAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS-UT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		66.3	77.6	78.1	79.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
≥ 20000		3.4	84.9	85.4	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 18000		3.4	84.9	85.4	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 16000		3.4	84.9	85.4	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 14000		3.5	85.1	85.5	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 12000		3.9	85.4	85.8	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
≥ 10000		7.1	88.6	89.1	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 9000		7.5	89.1	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2
≥ 8000		8.7	90.2	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 7000		8.4	90.9	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 6000		9.4	93.1	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 5000		9.4	93.1	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 4500		9.4	93.0	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 4000		9.4	93.7	94.3	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 3500		9.3	93.9	94.5	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 3000		9.3	94.9	95.6	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 2500		9.3	95.7	96.5	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 2000		9.5	97.3	98.1	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800		9.5	97.6	98.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1500		9.6	98.7	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200		9.6	98.1	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000		9.6	98.1	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900		9.6	98.0	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800		9.6	98.0	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700		9.6	98.1	98.8	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600		9.6	98.1	98.8	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		9.6	98.1	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
METEOROLOGICAL
WEATHER SERVICE / PAC

CEILING VERSUS VISIBILITY

STATION 26 HONOLULU AFB HI

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-0-78-2
FORM 11-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING		45.6	67.7	69.1	71.1	70.3	70.6	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9
≥ 20000		75.3	77.5	79.1	80.4	81.6	81.7	81.7	81.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2
≥ 18000		75.4	77.6	79.1	80.5	81.8	81.1	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3
≥ 16000		75.5	77.7	79.2	80.6	80.9	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 14000		75.7	78.0	79.5	80.9	81.1	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6
≥ 12000		77.2	79.6	81.2	82.6	82.8	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 10000		79.5	81.9	83.7	85.1	85.3	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8
≥ 9000		79.9	82.4	84.1	85.5	85.7	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 8000		82.0	84.5	86.2	87.6	87.6	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 7000		83.3	85.8	87.5	88.9	89.1	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7
≥ 6000		84.1	86.6	88.3	89.9	90.1	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
≥ 5000		86.2	89.1	90.9	92.3	92.5	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥ 4500		86.5	89.4	91.2	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 4000		87.4	90.3	92.3	93.7	93.9	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 3500		88.2	91.1	93.1	94.5	94.7	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 3000		89.5	92.4	94.4	95.9	96.1	96.5	96.5	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8
≥ 2500		90.3	93.2	95.4	96.9	97.1	97.4	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7
≥ 2000		91.2	94.5	96.9	98.4	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1800		91.5	94.9	97.3	98.8	99.0	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1500		91.3	95.1	97.4	98.9	99.1	99.5	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1200		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1000		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0		91.5	95.2	97.5	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

3208

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HUNFSTEAD AFB FL

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9-2-1131
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		11.5	64.4	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000		4.6	77.5	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000		4.6	77.5	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000		4.6	77.5	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000		15.9	78.4	79.1	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000		17.5	81.5	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000		31.0	83.7	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000		49.8	83.8	84.7	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000		83.4	86.7	87.7	88.7	88.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000		84.2	87.4	88.5	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000		85.5	88.7	89.8	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000		86.8	89.7	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500		86.9	90.1	91.2	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000		87.2	90.4	91.5	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500		87.7	91.1	92.2	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000		88.8	92.4	93.4	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500		89.5	94.2	95.3	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		92.6	96.3	97.4	98.1	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		92.7	96.5	97.5	98.1	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		93.2	97.7	98.1	98.8	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

YEARS 74-83

MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.0
HOURS IN DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		51.8	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000		73.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000		73.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000		73.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000		74.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000		76.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 9000		82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 8000		84.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 7000		85.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
≥ 6000		86.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1
≥ 5000		87.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 4500		87.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 4000		88.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 3500		89.1	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 3000		91.1	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 2500		94.1	96.7	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 2000		95.5	97.8	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1800		95.8	98.2	99.1	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 1500		95.8	98.2	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 1200		95.8	98.2	99.1	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1000		95.8	98.2	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 900		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800		95.8	98.2	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 700		95.8	98.2	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600		95.8	98.2	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0		95.8	98.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 910

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22 26 HOMPSTEAD AFB FL
STATION STATION NAME

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-17 10
HOURS DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0
NO CEILING		51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000		69.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 18000		69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 16000		70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000		70.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 12000		74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000		81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000		82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000		86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000		87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 6000		87.6	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 5000		88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4500		89.0	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000		89.7	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500		90.0	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000		93.8	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2500		95.3	95.9	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
IV 2000		96.6	97.5	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7
IV 1800		97.0	98.0	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1
IV 1500		97.2	98.2	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200		97.2	98.3	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0		97.2	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 933

CLIMATE CLIMATOLOGY BRANCH
AFMTC
WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME WHELFIELD AFB FL

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8 0-2000
HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ .	≥ 0
NO CEILING		57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000		74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000		83.9	83.9	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000		84.7	84.7	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000		88.5	88.5	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000		89.6	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000		89.8	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000		90.6	90.6	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000		91.9	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500		92.9	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000		94.9	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		96.6	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000		96.5	97.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		97.0	98.1	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500		97.0	98.1	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1200		97.1	98.1	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1000		97.2	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 900		97.2	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 800		97.2	98.3	98.5	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0		97.2	98.3	98.5	98.9	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

OL 241... TOLOGY BRANCH
UNAF...
AFB FL

CEILING VERSUS VISIBILITY

STATION NAME AFB FL

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-2300
HOURS (EST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 900	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 800	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 700	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 600	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 400	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 300	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 200	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 100	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC
 AIR FORCE SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION WHESTEAD AFB FL

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		4.4	65.5	65.9	66.1	66.2	66.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000		76.1	77.3	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000		76.4	77.6	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000		76.6	77.7	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000		77.1	78.4	78.9	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000		77.2	80.3	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000		78.3	84.8	85.1	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000		78.7	85.4	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000		78.7	88.1	88.5	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000		78.7	89.0	89.5	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000		78.8	89.6	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000		78.9	90.9	91.5	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500		79.1	91.7	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000		79.1	91.8	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500		79.2	92.6	93.2	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000		79.3	94.5	95.1	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		79.4	95.6	96.3	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000		79.5	97.1	97.9	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		79.5	97.5	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		79.5	97.7	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		79.6	97.7	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0		79.6	97.8	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7481

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 74-83
STATION NAME

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

PERIOD 1200
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	2.0	6.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	2.0	13.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 18000	2.0	14.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 16000	2.0	14.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 14000	2.0	15.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 12000	2.0	17.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 10000	2.0	18.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 9000	2.0	18.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 8000	2.0	14.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 7000	2.0	14.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	2.0	14.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 5000	2.0	15.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	2.0	16.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4000	2.0	16.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3500	2.0	16.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3000	2.0	17.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	2.0	18.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	2.0	18.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

STATION 26 HOMESTEAD AFB FL STATION NAME 74-83 YEARS JUN MONTH 74-05-10 HOUR 151

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	2.0	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	2.0	73.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 18000	2.0	73.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 16000	2.0	74.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 14000	2.0	75.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 12000	2.0	76.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 10000	2.0	71.1	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 9000	2.0	72.0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 8000	2.0	71.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 7000	2.0	75.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 6000	2.0	75.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 5000	2.0	76.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 4500	2.0	76.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	2.0	76.3	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	2.0	76.4	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	2.0	77.0	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2500	2.0	77.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2000	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	2.0	78.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 920

LOCAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NO. 24 HOMESTEAD AFB FL

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 3-CH 1
NOV 63

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥	16	≥0
NO CEILING	1.2	63.8	67.9	73.1	7.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	1.2	73.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	1.2	40.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	1.2	24.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	1.2	11.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	1.2	44.1	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	1.2	18.7	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	1.2	39.3	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	1.2	11.4	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	1.2	12.8	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 6000	1.2	13.1	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	1.2	23.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	1.2	23.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	1.2	23.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	1.2	23.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	1.2	24.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	1.2	24.4	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	1.2	24.8	98.1	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	1.2	24.9	98.1	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	1.2	25.0	98.4	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 911

1. NAME OF INSTALLATION
2. LOCATION
3. SERVICE AREA

CEILING VERSUS VISIBILITY

STATION WHEELS, AFM FL DATE 1-8-81 WAVE 0-14-5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001	≥0.0005
NO CEILING	1.0	1.0	52.7	52.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 20000	1.0	1.0	77.9	77.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 18000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 16000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 14000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 12000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 150	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 50	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 25	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10	1.0	1.0	79.4	79.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 74-83
HOMESTEAD AFB FL

74-83

12 0-1400
1000-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	1.0	1.0	51.6	51.6	51.6	51.6	51.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	1.0	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	1.0	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	1.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1800	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1500	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1200	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1000	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 900	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 800	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 700	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 600	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 500	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 400	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 300	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 200	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 100	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 0	1.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
ETAC
AT WAFETER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FI STATION NAME

74-93 YEARS

1960 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-1700 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.2	12.3	47.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	1.2	57.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	1.2	57.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	1.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	1.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	1.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	1.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	1.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	1.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	1.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	1.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	1.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	1.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	1.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	1.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	1.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	1.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	1.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1600	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1400	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	1.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 876

CLIMATE CLIMATOLOGY BRANCH
METEOROLOGICAL
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

91.2-24.00
HOURS PER YEAR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	1.7	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	2.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	2.0	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	2.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	2.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	2.0	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	2.0	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	2.0	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	2.0	91.6	91.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	2.0	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	2.0	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	2.0	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	2.0	96.1	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	2.0	96.2	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	2.0	96.4	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	2.0	97.4	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	2.0	97.4	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	2.0	98.1	98.8	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	2.0	98.1	98.8	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	2.0	98.1	98.8	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

YEARS 74-83

MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	1.5	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥20000	1.5	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥18000	1.5	82.1	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥16000	1.5	82.1	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥14000	1.5	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥12000	1.5	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥10000	1.5	91.1	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥9000	1.5	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥8000	1.5	92.2	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥7000	1.5	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥6000	1.5	94.1	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥5000	1.5	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥4500	1.5	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥4000	1.5	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥3500	1.5	96.2	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥3000	1.5	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥2500	1.5	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥2000	1.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1800	1.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1500	1.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1200	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥1000	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥900	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥800	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥700	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥600	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥500	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥400	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥300	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥200	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥100	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥0	1.5	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 800

LOCAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83
YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	1.5	6.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	1.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	1.5	77.7	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	1.5	77.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	1.5	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	1.5	80.9	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	1.5	88.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	1.5	88.8	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	1.5	90.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	1.5	91.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	1.5	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	1.5	93.5	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	1.5	93.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	1.5	94.2	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	1.5	94.5	95.6	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	1.5	95.5	96.7	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	1.5	96.1	97.3	97.7	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	1.5	96.9	98.3	98.8	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	1.5	97.0	98.4	98.9	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	1.5	97.1	98.5	99.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	1.5	97.1	98.5	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

U.S. AIR FORCE
AFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO-0200
MOON-15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 20000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 18000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 16000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 14000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 12000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 10000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 9000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 8000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 7000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 6000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 5000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 4500	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 4000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 3500	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 3000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 2500	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 2000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 1800	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 1500	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 1200	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 1000	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 900	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 800	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 700	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 600	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 500	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 400	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 300	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 200	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 100	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4
≥ 0	3.5	1.2	8.4	31.4	41.4	80.4	87.4	80.4	60.4	40.4	30.4	20.4	10.4	8.4	80.4	80.4

TOTAL NUMBER OF OBSERVATIONS 930

L. DAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION

WOMFSTEAD AFB FL

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0530
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1
NO CEILING	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	3.3	21.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 18000	3.3	21.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 16000	3.3	21.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 14000	3.3	22.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 12000	3.3	23.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 10000	3.3	25.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 9000	3.3	25.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	3.3	26.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	3.3	26.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	3.3	26.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	3.3	26.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	3.3	27.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	3.3	27.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	3.3	27.1	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	3.3	27.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	3.3	27.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	3.3	28.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	3.3	28.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.3	28.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY SEARCH
AFETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL STATION NAME

74-83 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16.7-0800
HOURS (UT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	2.1	7.5	70.8	70.9	71.1	71.1	71.1	71.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	3.0	24.2	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	7.1	24.3	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	7.7	24.8	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	7.1	26.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	7.1	28.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	3.0	23.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	3.0	27.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	3.0	25.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	3.0	26.9	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	7.1	26.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	3.0	26.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	3.0	26.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	3.0	26.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	7.1	26.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	7.1	26.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	3.0	27.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	3.0	28.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	7.1	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	7.1	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	3.0	28.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9-1-100
2004.15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 7000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2500	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1500	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1200	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1000	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 900	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 800	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 700	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 600	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 500	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 400	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 300	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 200	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 100	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 0	2.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3

TOTAL NUMBER OF OBSERVATIONS 932

U.S. AIR FORCE
 AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

STATION 6 HOMESTEAD AFB FL

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

NO. OF
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	1.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 600	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 500	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 400	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 300	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 200	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 100	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 0	1.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3

TOTAL NUMBER OF OBSERVATIONS 813

USAF ETAC FORM 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

YEARS

1974

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

177
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	7.6	14.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	7.6	24.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	7.6	24.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 700	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 600	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 400	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 300	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 200	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 100	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 0	7.6	26.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
METEOROLOGICAL SERVICE
HEADQUARTERS

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD OF OBSERVATION

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	7.3	54.1	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	2.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	2.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	2.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	2.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	2.4	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
≥ 10000	2.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 9000	2.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	2.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	2.4	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	2.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	2.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	2.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	2.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	2.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	2.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	2.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

WISCONSIN STATE TILES

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING	1000	800	600	400	200	100	50	25	10	5	2	1	0
1000													
900													
800													
700													
600													
500													
400													
300													
200													
100													
50													
25													
10													
5													
2													
1													
0													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE FORM 4-61 (21-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. PAUL CLIMATOLOGY BRANCH
2. ETAC
3. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: HEMFSTEAD AFB FL

14-83

AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2/90
HOURS PER YEAR

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	1.2	1.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 20000	1.2	1.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 18000	1.2	1.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 16000	1.2	1.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 14000	1.2	1.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 12000	1.2	1.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	1.2	1.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	1.2	1.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	1.2	1.2	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	1.2	1.2	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000	1.2	1.2	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	1.2	1.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	1.2	1.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	1.2	1.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 26 HOMESTEAD AFB FL

74-83

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-1-1550
 HOUR TST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	1.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 20000	1.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IN 18000	1.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IN 16000	1.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IN 14000	1.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IN 12000	1.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 10000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 8000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 7000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 6000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 5000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 4500	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 4000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 3500	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 3000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 2500	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 2000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 1800	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 1500	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 1200	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 1000	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 900	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 800	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 700	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 600	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 500	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 400	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 300	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 200	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 100	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IN 0	1.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 93

LOCAL CLIMATOLOGY BRANCH
ETAC
METEOROLOGICAL SERVICE/44C

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS 1961

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9.1-11.0
100.4-11.0

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 8000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION COMFSTEAD AFB FL

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-0-0600
MOON 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 20000	84.5	84.7	84.9	84.9	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 18000	84.6	84.8	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 16000	85.2	85.4	85.6	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 14000	86.5	86.7	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 12000	88.6	88.8	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 10000	91.3	91.7	91.9	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 9000	91.5	91.9	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 8000	93.1	93.5	93.8	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 7000	93.9	93.9	94.1	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 6000	93.9	94.5	94.7	94.7	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 5000	94.3	95.3	95.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	94.3	95.3	95.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4000	94.4	95.4	95.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 3500	94.6	95.7	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3000	94.7	95.8	96.2	96.2	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 2500	95.1	96.5	96.9	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	95.7	97.3	97.8	98.1	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	95.7	97.3	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.1	97.6	98.1	98.6	98.7	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	96.1	97.7	98.4	98.7	98.8	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	96.2	97.8	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	96.2	97.8	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.2	98.0	98.6	99.0	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
WAFETAC
AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.0
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 10000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 5000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 2500	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 2000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1800	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1500	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1200	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 900	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 800	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 700	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 600	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 500	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 400	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 300	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 200	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 100	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS 1950-1959 DATE 15-0-1700
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	1.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	2.2	40.8	60.8	83.8	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	2.2	41.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	2.2	43.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	2.2	46.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	2.2	49.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	2.2	51.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	2.2	52.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	2.2	52.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	2.2	52.9	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	2.2	53.7	94.1	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	2.2	54.3	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	2.2	55.3	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	2.2	55.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	2.2	56.1	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	2.2	56.8	97.4	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	2.2	57.2	97.8	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	2.2	57.4	98.1	98.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	2.2	57.5	98.2	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	2.2	57.5	98.2	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	2.2	57.6	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 973

LOCAL CLIMATOLOGY BRANCH
 GRAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
 HCMESTEAD AFB FL

74-83

ANIS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING ≥ 20000	1.4	5.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IN 18000	2.5	32.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IN 16000	2.5	32.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IN 14000	2.5	32.6	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 12000	2.5	34.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IN 10000	2.5	37.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IN 9000	2.5	42.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IN 8000	2.5	43.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 7000	2.5	44.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IN 6000	2.5	45.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 5000	2.5	45.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IN 4500	2.5	45.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IN 4000	2.5	45.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 3500	2.5	45.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 3000	2.5	46.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 2500	2.5	47.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 2000	2.5	47.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 1800	2.5	47.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 1500	2.5	48.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1200	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1000	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 900	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 800	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 700	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 600	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 500	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 400	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 300	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 200	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 100	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 0	2.5	48.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

NATIONAL CLIMATOLOGY BRANCH
ETAC TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HONFSTEAD AFB FL

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-0-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	1.4	52.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	1.5	58.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 16000	1.5	58.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	1.5	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	1.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	1.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 9000	1.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 8000	1.5	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	1.5	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	1.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	1.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	1.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	1.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	1.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	1.5	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	1.5	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	1.5	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	1.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	1.5	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY SPANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	1.4	3.4	63.6	13.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	1.4	4.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	1.4	5.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	1.4	5.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	1.4	6.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	1.4	8.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	1.4	9.2	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	1.4	9.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	1.4	9.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	1.4	9.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	1.4	9.8	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	1.4	9.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	1.4	9.8	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	1.4	9.8	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	1.4	9.8	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	1.4	9.8	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	1.4	9.8	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 2000	1.4	9.8	98.3	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1800	1.4	9.8	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1500	1.4	9.8	98.6	99.1	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	1.4	9.8	98.7	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1000	1.4	9.8	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	1.4	9.8	98.7	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	1.4	9.8	98.7	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

JOINT CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE (AC)

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

YEAR 74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

FORM 1-1-77
1-0-11-77

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	1.7	54.7	65.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	1.7	96.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	1.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	1.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 14000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 700	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 600	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 400	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 300	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 200	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 100	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 0	1.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
COMSTAD AFB FL

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7.0-75.0
FOUR 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.2	≥.15	≥.1	≥.05	≥.01
NO CEILING	1.7	74.7	74.8	74.8	74.9	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	1.7	37.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 14000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 400	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 300	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 200	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 100	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 0	1.7	37.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7

TOTAL NUMBER OF OBSERVATIONS 977

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

• H. • • A • • V • •

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	1000	900	800	700	600	500	400	300	200	100	0	TOTAL
1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
100	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
TOTAL	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

4-83

SEPT

1983

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	96.0	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	97.2	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

STATION NAME: WHEATSTADT AFB FL YEAR: 74-83 MONTH: SEP
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1500-2000
 HOUR: 1517

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1
NO CEILING ≥ 20000	1.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	1.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	1.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	1.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	1.3	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1600	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 300	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 100	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 0	1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS: 930

CLIMATOLOGY BRANCH
USAF ETAC
AFWAT-52 SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

74-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	1.3	61.6	61.6	61.6	61.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	1.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	1.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	1.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	1.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	1.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	1.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	1.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	1.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	1.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	1.3	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	1.3	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	1.3	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	1.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	1.3	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	1.3	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500	1.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	1.3	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1800	1.3	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1500	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1200	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1000	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 900	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 800	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 700	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 600	1.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 500	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 400	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 300	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 200	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 100	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 0	1.3	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY SEARCH
STATION
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

79-83

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.2	50.5	58.7	58.8	54.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	1.2	31.1	81.1	81.4	81.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	1.6	31.6	81.9	82.0	82.3	82.1	82.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	1.6	32.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	1.6	33.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	1.6	37.1	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	1.7	91.6	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	1.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000	1.7	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 7000	1.7	94.9	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	1.7	95.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	1.7	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	1.7	95.8	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	1.7	95.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	1.7	96.0	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	1.7	96.3	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	1.7	96.8	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	1.7	97.5	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	1.7	97.6	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	1.7	97.7	98.7	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1200	1.7	97.8	98.7	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	1.7	97.8	98.7	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	1.7	97.8	98.8	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	1.7	97.8	98.8	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	1.7	97.8	98.8	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	1.7	97.8	98.8	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.7	97.8	98.8	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

CLIMATE CLIMATOLOGY BRANCH
 ETAC
 ALL WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL STATION NAME 74-83 YEARS 1960-1970
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.7	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	1.7	83.1	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000	1.7	93.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	1.7	13.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	1.7	94.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	1.9	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	1.8	97.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	1.9	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	1.9	91.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	1.9	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	1.9	92.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	1.9	93.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	1.9	94.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	1.9	94.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	1.9	95.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	1.9	96.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	1.9	97.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	1.9	97.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	1.9	97.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	1.9	97.6	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	1.9	97.6	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	1.9	97.6	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	1.9	97.6	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	1.9	97.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	1.9	97.8	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	1.9	98.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	1.9	98.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	1.9	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.9	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.9	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.9	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.9	98.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

FEDERAL CLIMATOLOGY BRANCH
ETAC
STATION SERVICE MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-0500
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.7	71.1	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 20000	1.7	79.6	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 18000	1.7	79.6	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 16000	1.7	79.6	80.8	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 14000	1.7	81.5	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 12000	1.7	81.5	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 10000	1.7	84.2	85.4	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 9000	1.7	84.2	85.4	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 8000	1.7	87.1	88.6	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 7000	1.7	88.6	90.0	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 6000	1.7	88.6	90.0	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 5000	1.7	88.6	90.0	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 4500	1.7	90.3	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 4000	1.7	90.3	92.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3500	1.7	92.2	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 3000	1.7	92.2	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 2500	1.7	93.7	95.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2000	1.7	94.2	96.3	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	1.7	94.3	96.5	97.5	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1500	1.7	94.3	96.5	97.5	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200	1.7	94.6	96.8	97.8	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	1.7	94.7	96.9	98.0	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	1.7	94.7	96.9	98.1	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	1.7	94.7	96.9	98.1	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	1.7	94.7	96.9	98.1	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	1.7	94.7	96.9	98.1	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 300	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 100	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 0	1.7	94.8	97.0	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 830

LOCAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WOMSTEAD AFB FL

74-83

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

670-7804
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING ≥ 20000	65.3	67.5	68.4	68.6	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	75.7	78.0	78.8	79.1	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	76.2	78.6	79.5	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	77.1	79.7	80.5	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	77.2	80.6	82.5	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	82.3	84.9	86.1	86.3	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	83.1	85.8	86.9	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	86.3	89.1	90.3	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	88.2	91.2	92.4	92.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	91.8	93.0	93.3	93.3	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	92.8	92.8	93.3	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	92.9	94.2	94.5	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	93.9	95.2	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	94.3	95.6	95.9	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	95.3	96.6	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.1	97.4	97.7	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	96.1	97.5	97.8	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	96.1	97.5	97.8	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	96.2	97.6	97.9	97.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.5	97.8	98.1	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.7	98.2	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.8	98.3	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.9	98.5	98.8	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.9	98.5	98.8	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.9	98.5	98.8	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.9	98.5	98.8	98.8	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.2	98.8	99.1	99.1	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.2	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.8	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE /NAC

CEILING VERSUS VISIBILITY

STATION DOMESTAD AFB FL STATION NAME

74-83 YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

900-1130 HOUR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	62.9	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	75.9	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.0	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	77.2	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	81.2	81.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	85.1	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	88.6	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	91.1	91.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 SATEC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WOLFSTEAD AFB FL STATION NAME

74-83

YEAR

OCT

11 3-1400
 HOURS TEST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 931

1. NAVAL CLIMATOLOGY BRANCH
2. ETAC
3. WEATHER SERVICE NAAC

CEILING VERSUS VISIBILITY

STATION 24 HOMESTEAD AFB FL STATION NAME

74-83 YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1512-1700 HOUR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	1.0	67.1	67.1	60.1	60.1	67.1	67.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	1.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	1.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	1.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	1.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	1.0	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	1.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	1.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 8000	1.0	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	1.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	1.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	1.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	1.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	1.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	1.0	94.4	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	1.0	94.7	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	1.0	95.9	96.1	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	1.0	97.3	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	1.0	97.5	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	1.0	98.0	98.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.0	98.2	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.0	98.2	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HOME STEAD AFB FL
 STATION NAME

74-83
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2-21
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.3	2.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	1.3	6.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	1.3	7.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	1.3	7.6	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	1.3	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	1.3	8.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	1.3	15.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	1.3	6.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	1.3	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	1.3	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	1.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	1.3	92.8	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	1.3	93.2	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	1.3	93.9	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	1.3	94.6	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	1.3	95.8	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	1.3	96.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	1.3	97.7	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	1.3	97.8	99.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	1.3	97.8	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	1.3	98.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	1.3	1.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IN 18000	1.3	1.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IN 16000	1.3	1.3	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 14000	1.3	1.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IN 12000	1.3	1.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IN 10000	1.3	1.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IN 9000	1.3	1.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 8000	1.3	1.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IN 7000	1.3	1.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IN 6000	1.3	1.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IN 5000	1.3	1.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 4500	1.3	1.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IN 4000	1.3	1.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IN 3500	1.3	1.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 3000	1.3	1.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IN 2500	1.3	1.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 2000	1.3	1.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 1800	1.3	1.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 1500	1.3	1.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 1200	1.3	1.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 1000	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 900	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 800	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 700	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 600	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 500	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 400	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 300	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 200	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 100	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 0	1.3	1.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS _____

U.S. METEOROLOGICAL SERVICE
 U.S. AIR FORCE
 U.S. NAVY
 U.S. AIR FORCE
 U.S. NAVY

CEILING VERSUS VISIBILITY

STATION NAME HUNTSVILLE, ALA. FL.

74-85

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 MONTH

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥20000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥18000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥16000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥14000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥12000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥10000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥9000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥8000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥7000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥6000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥5000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥4500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥4000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥3500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥3000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥2500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥2000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥1800	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥1500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥1200	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥1000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥900	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥800	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥700	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥600	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥400	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥300	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥200	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥100	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE

FORM 10-5 (OL A)

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
18000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
16000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
14000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
12000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
10000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
9000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
8000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
7000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
6000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
5000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
4500	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
4000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
3500	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
3000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
2500	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
2000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1800	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1600	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1400	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1200	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
1000	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
900	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
800	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
700	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
600	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
500	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
400	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
300	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
200	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
100	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
0	4.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1-78 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. METEOROLOGICAL BRANCH
2. METAC
3. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME WRIGHT PATTEN AFB FL

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-75
HOURS PER DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	.3	55.3	71.2	71.9	71.9	72.	72.7	72.0	72.0	72.1	72.2	72.2	72.3	72.4	72.5	72.7
≥ 20000	.3	2.8	74.7	75.7	75.9	76.	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 18000	.3	2.1	74.7	75.7	75.9	76.	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 16000	.3	2.8	74.7	75.7	75.9	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 14000	.3	3.3	75.2	76.2	76.4	76.6	76.6	76.6	76.6	76.7	76.8	76.8	76.9	77.	77.2	77.3
≥ 12000	.3	3.6	77.7	78.7	78.9	79.1	79.0	79.2	79.0	79.1	79.2	79.2	79.3	79.4	79.7	79.8
≥ 10000	.3	7.4	79.7	81.8	81.1	81.1	81.1	81.1	81.1	81.2	81.3	81.3	81.4	81.6	81.8	81.9
≥ 9000	.3	7.3	82.7	81.8	82.1	82.1	82.1	82.1	82.1	82.2	82.3	82.3	82.4	82.6	82.8	82.9
≥ 8000	.3	10.7	83.2	84.4	84.7	84.8	84.8	84.8	84.8	84.9	85.	85.1	85.1	85.2	85.4	85.6
≥ 7000	.3	2.1	84.7	85.3	85.1	86.2	86.2	86.2	86.2	86.3	86.4	86.4	86.6	86.7	86.9	87.
≥ 6000	.3	12.9	85.3	86.6	86.8	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.2	87.3	87.6	87.7
≥ 5000	.4	4.7	87.3	88.6	88.8	88.9	88.9	88.9	88.9	89.	89.1	89.1	89.2	89.3	89.6	89.7
≥ 4500	.4	26.0	88.8	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.6	90.6	90.7	90.8	91.0	91.1
≥ 4000	.4	27.8	90.7	91.9	92.1	92.2	92.2	92.2	92.2	92.3	92.4	92.4	92.6	92.7	92.9	93.
≥ 3500	.4	18.1	91.2	92.4	92.7	92.8	92.8	92.8	92.8	92.9	93.	93.1	93.1	93.2	93.4	93.6
≥ 3000	.4	35.7	92.6	93.9	94.2	94.	94.3	94.3	94.3	94.4	94.6	94.6	94.8	94.9	95.1	95.2
≥ 2500	.4	1.3	93.4	94.8	95.2	95.3	95.3	95.3	95.3	95.4	95.6	95.6	95.8	95.9	96.1	96.2
≥ 2000	.4	11.0	94.1	95.6	96.2	96.3	96.3	96.4	96.4	96.6	96.7	96.7	96.9	97.0	97.2	97.3
≥ 1800	.4	12.2	94.4	95.7	96.6	96.7	96.7	96.8	96.8	96.9	97.	97.	97.2	97.3	97.6	97.7
≥ 1500	.4	22.4	94.8	96.2	96.9	97.0	97.0	97.1	97.1	97.2	97.3	97.3	97.6	97.7	97.9	98.0
≥ 1200	.4	1.4	94.8	96.3	97.1	97.1	97.2	97.3	97.3	97.4	97.6	97.6	97.8	97.9	98.1	98.2
≥ 1000	.4	11.6	95.	96.6	97.2	97.3	97.4	97.6	97.6	97.7	97.8	97.8	98.0	98.1	98.3	98.4
≥ 900	.4	11.9	95.2	96.8	97.4	97.6	97.7	97.8	97.8	97.9	98.1	98.1	98.3	98.4	98.7	98.8
≥ 800	.4	11.7	95.2	96.8	97.4	97.6	97.7	97.8	97.8	97.9	98.1	98.1	98.3	98.4	98.7	98.8
≥ 700	.4	11.9	95.4	97.0	97.7	97.8	97.9	98.0	98.0	98.1	98.3	98.3	98.6	98.7	98.9	99.
≥ 600	.4	22.1	95.6	97.1	97.8	97.9	98.0	98.1	98.1	98.2	98.4	98.4	98.7	98.8	99.	99.1
≥ 500	.4	22.1	95.6	97.1	97.8	97.9	98.	98.2	98.2	98.4	98.7	98.7	99.0	99.1	99.3	99.7
≥ 400	.4	22.0	95.6	97.1	97.8	97.9	98.	98.2	98.2	98.4	98.7	98.7	99.0	99.1	99.3	99.8
≥ 300	.4	22.1	95.7	97.2	97.9	98.	98.1	98.3	98.3	98.6	98.8	98.8	99.1	99.2	99.4	99.9
≥ 200	.4	22.1	95.7	97.2	97.9	98.	98.1	98.3	98.3	98.6	98.8	98.8	99.1	99.2	99.4	100.
≥ 100	.4	22.1	95.7	97.2	97.9	98.	98.1	98.3	98.3	98.6	98.8	98.8	99.1	99.2	99.4	100.
≥ 0	.4	22.1	95.7	97.2	97.9	98.	98.1	98.3	98.3	98.6	98.8	98.8	99.1	99.2	99.4	100.

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE BRANCH
WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NOV

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	69.4	66.3	67.9	67.8	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.4
≥ 20000	70.6	73.6	75.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.8
≥ 18000	70.8	73.8	75.3	76.2	76.3	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.9	77.0
≥ 16000	71.1	74.3	75.4	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.6
≥ 14000	72.7	75.7	77.2	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.8	78.9
≥ 12000	75.7	78.8	80.6	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.2
≥ 10000	76.3	79.5	81.7	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.3
≥ 9000	77.9	83.7	85.0	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.6	86.7
≥ 8000	78.9	84.1	86.1	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.1
≥ 7000	81.4	84.7	86.7	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.7
≥ 6000	82.7	85.9	87.9	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.8	89.9
≥ 5000	83.4	86.8	88.9	90.1	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.9	91.0
≥ 4500	84.7	88.0	90.1	91.2	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	92.1	92.2
≥ 4000	85.4	88.4	90.6	91.7	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.7
≥ 3500	85.8	89.2	91.4	92.7	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.6	93.9
≥ 3000	86.2	89.7	91.9	93.1	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.3
≥ 2500	87.7	91.6	94.1	95.2	95.4	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.3	96.7
≥ 2000	87.8	91.8	94.2	95.4	95.7	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.6	96.9
≥ 1800	88.1	92.0	94.6	96.2	96.4	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.4	97.8
≥ 1500	88.1	92.1	94.7	96.3	96.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.6	97.9
≥ 1200	88.1	92.2	94.8	96.4	96.7	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.7	98.0
≥ 1000	88.3	92.4	95.0	96.7	97.1	97.2	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.3
≥ 900	88.4	92.6	95.2	96.9	97.2	97.6	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 800	88.4	92.6	95.2	96.9	97.2	97.6	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 700	88.4	92.6	95.2	96.9	97.2	97.6	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 600	88.4	92.6	95.2	96.9	97.2	97.6	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 500	88.6	92.8	95.4	97.1	97.4	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.9	99.4
≥ 400	88.7	92.9	95.6	97.2	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.3	99.8
≥ 300	88.7	92.9	95.6	97.2	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.3	99.8
≥ 200	88.7	92.9	95.6	97.2	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.3	99.8
≥ 100	88.7	92.9	95.6	97.2	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.3	99.8
≥ 0	88.7	92.9	95.6	97.2	97.7	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.3	99.8

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BOARD
 WAFB TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

910-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	0.1	3.6	64.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	0.1	74.1	75.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	0.1	74.3	75.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	0.1	74.7	76.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	0.1	75.2	76.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	0.1	76.6	77.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	0.1	81.1	81.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	0.1	81.9	83.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	0.1	85.4	86.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	0.1	86.7	88.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	0.1	87.4	89.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	0.1	89.1	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	0.1	91.1	92.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	0.1	92.0	93.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	0.1	93.4	94.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	0.1	93.7	94.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	0.1	93.7	95.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	0.1	94.7	96.4	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	0.1	94.8	96.6	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	0.1	95.1	97.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	0.1	95.1	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	0.1	95.3	97.4	98.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	0.1	95.3	97.4	98.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	0.1	95.4	97.5	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	0.1	95.4	97.6	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	0.1	95.7	97.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	0.1	95.7	97.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 910

CLIMATE CLIMATOLOGY BRANCH
AFAC
ATTN: ATOR SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION HOMESTEAD AFB FL

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NOV 74

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		3.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000		4.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000		74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000		76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800

LOCAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

STATION NAME HUMPHREY AFB TX

YEARS 74-83

MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

DATE 15-2-17-80

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO. OF ≥ 20000	4.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
≥ 18000	4.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 16000	5.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 14000	4.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 12000	5.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 10000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 9000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 8000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 7000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 6000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 5000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 4500	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 4000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 3500	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 3000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 2500	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 2000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 1800	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 1500	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 1200	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 1000	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 900	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 800	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 700	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 600	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 500	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 400	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 300	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 200	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 100	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 0	7.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3

TOTAL NUMBER OF OBSERVATIONS 910

CLIMATE CLIMATOLOGY BRANCH
 REPORT
 AT LEAST 20 SERVICE/AL

CEILING VERSUS VISIBILITY

STATION 74-83 HOMESTEAD AFB FL STATION NAME

74-83

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

18.7-7000
 1000-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		5.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000		3.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
N 18000		73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
N 16000		73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
N 14000		75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
N 12000		77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
N 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
N 9000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
N 8000		84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
N 7000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
N 6000		87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
N 5000		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
N 4500		91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
N 4000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
N 3500		94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
N 3000		95.6	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
N 2500		96.1	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
N 2000		97.1	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
N 1800		97.2	97.6	98.1	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
N 1500		97.4	98.1	98.3	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
N 1200		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 1000		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 900		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 800		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 700		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 600		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 500		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 400		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 300		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 200		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 100		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
N 0		97.4	98.1	98.4	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 960

MODEL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21.0-23.00
HOURS TST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.5	≥.25	≥.20	≥.15	≥.10	≥.05	≥.00
NO CEILING ≥ 20000		59.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000		81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

LOCAL CLIMATOLOGY BRANCH
METAC
METEOROLOGICAL SERVICE/44C

CEILING VERSUS VISIBILITY

STATION DOMESTAD AFB FL STATION NAME 74-83 YEARS NOV
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING	65.8	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 20000	73.7	74.6	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 18000	73.9	74.8	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
≥ 16000	74.1	75.0	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 14000	75.0	75.9	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 12000	76.8	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 10000	79.9	80.9	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 9000	81.2	82.2	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
≥ 8000	84.3	85.3	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 7000	85.6	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 6000	86.5	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
≥ 5000	88.5	89.7	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 4500	89.9	91.1	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 4000	91.0	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 3500	91.9	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 3000	92.9	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 2500	93.7	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 2000	94.7	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 1800	94.8	96.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 1500	95.0	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 1200	95.0	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1000	95.1	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 900	95.2	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 800	95.3	97.2	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 700	95.4	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 600	95.4	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 500	95.5	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 400	95.5	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 300	95.5	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 200	95.5	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 100	95.5	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 0	95.5	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 7204

ALBANY CLIMATOLOGY BRANCH
 ALBANY
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

STATION NAME WOLFSTEAD AFB FL

YEARS 74-83

MONTHS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

NO. OF HOURS 30-3200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 3	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING		71.3	71.9	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
≥ 20000		75.8	76.5	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5
≥ 18000		76.1	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5
≥ 16000		76.5	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
≥ 14000		76.7	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.1
≥ 12000		76.3	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7
≥ 10000		81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3
≥ 9000		81.4	82.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9
≥ 8000		82.4	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9
≥ 7000		83.5	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2
≥ 6000		84.1	84.8	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7
≥ 5000		87.1	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7
≥ 4500		88.7	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3
≥ 4000		91.1	91.8	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7
≥ 3500		91.9	92.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9
≥ 3000		93.1	94.1	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2
≥ 2500		94.1	95.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 2000		95.6	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0
≥ 1800		95.6	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0
≥ 1500		95.6	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0
≥ 1200		95.7	96.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
≥ 1000		95.7	96.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
≥ 900		96.0	97.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 800		96.1	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5
≥ 700		96.2	97.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 600		96.2	97.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 500		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 400		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 300		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 200		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 100		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 0		96.3	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 STATION
 WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION NAME
 HOMESTEAD AFB FL

74-83

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3.0-95.0
 HOUR 1-11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		66.4	67.7	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.0
≥ 20000		66.4	67.7	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.0
≥ 18000		71.4	72.9	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.2
≥ 16000		72.2	73.1	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.4
≥ 14000		73.5	73.4	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7
≥ 12000		73.4	74.4	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.7
≥ 10000		75.6	76.7	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	78.0
≥ 9000		76.0	77.1	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.4
≥ 8000		77.1	78.1	78.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.4
≥ 7000		77.9	80.0	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.3
≥ 6000		79.9	81.6	81.1	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.9
≥ 5000		81.5	83.2	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.5
≥ 4500		84.1	85.4	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.7
≥ 4000		86.7	87.5	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.9
≥ 3500		87.2	88.6	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	90.0
≥ 3000		88.8	91.3	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.7
≥ 2500		91.2	91.7	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.4
≥ 2000		91.7	91.3	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	95.2
≥ 1800		91.8	93.4	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.3
≥ 1500		92.2	93.8	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.7
≥ 1200		92.4	94.1	94.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.7	96.1
≥ 1000		92.4	94.1	94.9	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	96.0
≥ 900		92.6	94.4	95.3	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.6
≥ 800		92.6	94.5	95.4	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.8
≥ 700		92.7	94.7	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.8	96.8	97.0
≥ 600		92.8	94.8	95.8	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.3
≥ 500		92.8	95.1	96.1	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.6	97.6	97.8
≥ 400		92.8	95.3	96.2	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	98.0
≥ 300		92.8	95.3	96.2	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	98.0
≥ 200		92.8	95.3	96.2	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	98.0
≥ 100		92.8	95.3	96.2	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	98.0
≥ 0		92.8	95.3	96.2	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	98.0

TOTAL NUMBER OF OBSERVATIONS 980

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION COMSTEAR AFB FL

YEARS 74-83

MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

DATE 12-28-83
 HOUR 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING		54.1	61.2	62.1	62.5	62.8	63.1	63.3	63.4	63.5	63.7	63.7	63.8	63.8	63.9	63.9
≥ 20000		54.4	67.8	68.8	69.2	69.6	69.9	70.1	70.2	70.3	70.5	70.5	70.6	70.6	70.8	70.8
≥ 18000		55.7	68.2	69.1	69.6	69.9	70.2	70.4	70.5	70.6	70.9	70.9	71.0	71.0	71.1	71.1
≥ 16000		55.7	68.2	69.1	69.6	69.9	70.2	70.4	70.5	70.6	70.9	70.9	71.0	71.0	71.1	71.1
≥ 14000		56.6	69.1	70.1	70.5	70.9	71.2	71.4	71.5	71.6	71.8	71.8	71.9	71.9	72.0	72.0
≥ 12000		56.2	70.8	71.7	72.2	72.5	72.8	73.0	73.1	73.2	73.4	73.4	73.5	73.5	73.7	73.7
≥ 10000		71.1	73.7	74.7	75.3	75.6	75.9	76.1	76.2	76.3	76.6	76.6	76.7	76.7	76.8	76.8
≥ 9000		71.1	73.8	74.9	75.7	76.1	76.3	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.2	77.2
≥ 8000		73.3	76.0	77.2	78.0	78.3	78.6	78.8	78.9	79.1	79.4	79.4	79.5	79.5	79.6	79.6
≥ 7000		73.8	76.7	78.0	78.7	79.0	79.4	79.6	79.7	79.9	80.1	80.1	80.2	80.2	80.3	80.3
≥ 6000		74.4	77.5	78.8	79.6	79.9	80.2	80.4	80.5	80.8	81.0	81.0	81.1	81.1	81.2	81.2
≥ 5000		76.7	79.8	81.1	81.8	82.2	82.5	82.7	82.8	83.0	83.2	83.2	83.3	83.3	83.4	83.4
≥ 4500		76.2	81.3	82.6	83.3	83.7	84.1	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.9	84.9
≥ 4000		76.6	84.7	86.1	86.9	87.2	87.5	87.7	87.8	88.1	88.3	88.3	88.4	88.4	88.5	88.5
≥ 3500		80.9	86.2	87.6	88.4	88.7	89.0	89.2	89.4	89.6	89.8	89.8	89.9	89.9	90.0	90.0
≥ 3000		85.6	88.9	90.4	91.2	91.5	91.8	92.0	92.2	92.4	92.6	92.6	92.7	92.7	92.8	92.8
≥ 2500		87.1	90.4	91.9	92.7	93.1	93.3	93.5	93.7	93.9	94.1	94.1	94.2	94.2	94.3	94.3
≥ 2000		86.4	91.8	93.3	94.1	94.4	94.7	94.9	95.1	95.3	95.5	95.5	95.6	95.6	95.7	95.9
≥ 1800		88.5	91.9	93.4	94.2	94.5	94.8	95.1	95.2	95.4	95.6	95.6	95.7	95.8	96.1	96.3
≥ 1500		88.5	92.0	93.5	94.3	94.6	94.9	95.3	95.4	95.6	95.8	95.8	95.9	96.0	96.2	96.2
≥ 1200		88.8	92.4	93.9	94.6	94.9	95.3	95.6	95.7	95.9	96.1	96.1	96.2	96.3	96.6	96.6
≥ 1000		88.8	92.4	93.9	94.6	94.9	95.3	95.6	95.7	95.9	96.1	96.1	96.2	96.3	96.6	96.6
≥ 900		89.4	92.9	94.4	95.2	95.5	95.8	96.1	96.2	96.6	96.8	96.8	96.9	97.0	97.2	97.2
≥ 800		89.4	92.9	94.4	95.2	95.5	95.8	96.1	96.2	96.6	96.8	96.8	96.9	97.0	97.2	97.2
≥ 700		89.6	93.3	94.9	95.7	96.0	96.3	96.7	96.8	97.1	97.3	97.3	97.4	97.5	97.7	97.7
≥ 600		89.6	93.3	94.9	95.7	96.0	96.3	96.8	96.9	97.3	97.5	97.5	97.6	97.7	98.0	98.2
≥ 500		89.6	93.3	94.9	95.8	96.1	96.6	97.1	97.2	97.6	97.8	97.8	98.0	98.1	98.3	98.3
≥ 400		89.7	93.5	95.2	96.0	96.3	96.9	97.3	97.5	98.1	98.2	98.2	98.4	98.5	98.7	99.0
≥ 300		89.7	93.5	95.2	96.0	96.3	96.9	97.3	97.5	98.1	98.3	98.3	98.4	98.5	98.7	99.4
≥ 200		89.7	93.5	95.2	96.0	96.3	96.9	97.3	97.5	98.1	98.3	98.3	98.4	98.8	99.0	99.5
≥ 100		89.7	93.5	95.2	96.0	96.3	96.9	97.3	97.5	98.1	98.3	98.3	98.4	98.8	99.0	99.5
≥ 0		89.7	93.5	95.2	96.0	96.3	96.9	97.3	97.5	98.1	98.3	98.3	98.4	98.8	99.0	99.5

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE / FAC

CEILING VERSUS VISIBILITY

STATION NAME
HOMESTEAD AFB FL

74-83

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9-2-11-11
FORM 1-1-11

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING		65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000		74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000		74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000		74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000		73.7	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000		74.2	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000		74.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000		74.2	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000		74.2	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000		74.2	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000		73.3	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000		75.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500		77.2	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000		79.4	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500		79.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000		79.4	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500		79.4	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 100		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 0		79.4	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 830

CLIMATE CLIMATOLOGY BRANCH
 SAC: TAC
 AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: HOMESTEAD AFB FL

YEARS: 74-83

MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-7-5470
 HOURS: 1-57

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING		64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000		74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000		75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000		75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000		76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000		81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000		82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000		85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000		86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000		88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000		91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500		92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000		94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500		95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000		96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800		96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500		97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000		98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0		98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 930

LOCAL CLIMATOLOGY BRANCH
UNIT 12
FLEET AIR SERVICE PHAC

CEILING VERSUS VISIBILITY

STATION NAME DOMESTIC AFB FL STATION NUMBER 74-83 DATE DEC 74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		5.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000		3.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000		73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000		4.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000		6.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000		4.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000		84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000		85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000		87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 934

U.S. AIR FORCE CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HOMESTEAD AFB FL

74-83

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 0-2 000
HOURS PER DAY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
≥20000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥18000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥16000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥14000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥12000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥10000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥9000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥8000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥7000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥6000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥5000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥4500	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥3500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥3000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥2500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥1000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥800	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

LOCAL CLIMATOLOGY BRANCH
 STATION
 SEATON SERVICE/ALC

CEILING VERSUS VISIBILITY

STATION COMESTAT AFF FL STATION NAME 74-87 YEARS DEC
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 21-2300
 HOURS 111

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING		7.2	7.6	7.9	7.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000		76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000		76.2	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000		76.7	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		77.2	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000		79.8	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000		81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000		82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000		83.5	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000		84.9	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000		88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000		91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500		92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500		95.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000		97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800		97.6	97.6	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500		98.3	98.3	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		98.3	98.3	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		98.3	98.3	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 932

FEDERAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME HOMESTEAD AFB FL

YEARS 74-83

MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING		5.4	65.7	56.0	50.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4
≥ 20000		7.9	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 18000		13.1	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7
≥ 16000		13.4	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 14000		14.1	74.9	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 12000		15.8	76.7	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 10000		74.7	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.2	81.2	81.2	81.2	81.2	81.3	80.3
≥ 9000		75.3	80.3	81.7	81.8	81.9	81.9	81.9	81.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 8000		11.4	82.4	82.8	83.7	83.7	83.7	83.7	83.7	83.1	83.1	83.1	83.1	83.2	83.2	83.3
≥ 7000		12.5	83.5	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 6000		13.3	84.4	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 5000		16.7	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1
≥ 4500		17.4	89.6	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6
≥ 4000		89.5	91.8	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8
≥ 3500		91.6	91.9	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
≥ 3000		92.3	93.6	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 2500		93.5	94.9	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1
≥ 2000		94.7	96.2	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.4
≥ 1800		94.8	96.3	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.6
≥ 1500		95.0	96.5	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1200		95.2	96.7	97.3	97.5	97.6	97.7	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.1
≥ 1000		95.3	96.9	97.5	97.8	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 900		95.5	97.1	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 800		95.5	97.2	97.8	98.1	98.1	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7
≥ 700		95.6	97.5	98.2	98.5	98.5	98.6	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1
≥ 600		95.6	97.5	98.3	98.5	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 500		95.6	97.6	98.4	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400		95.7	97.7	98.5	98.8	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 300		95.7	97.7	98.5	98.8	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.8
≥ 200		95.7	97.7	98.5	98.8	98.9	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	99.9
≥ 100		95.7	97.7	98.5	98.8	98.9	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0
≥ 0		95.7	97.7	98.5	98.8	98.9	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7483

U.S. AIR FORCE
CLIMATE SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME: HOMESTEAD AFB FL

YEARS: 74-84

MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-10	≥0
NO CEILING	65.4	65.8	64.0	66.7	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	77.4	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 18000	77.7	78.5	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	77.9	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	78.8	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 12000	80.8	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	84.2	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 9000	84.9	85.8	86.1	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 8000	87.1	88.1	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 7000	88.1	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 6000	88.7	89.3	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 5000	90.7	91.2	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1
≥ 4500	91.7	91.9	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 4000	92.7	92.9	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 3500	92.5	93.7	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 3000	93.7	95.0	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	94.5	96.1	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	95.4	96.9	97.6	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1800	95.5	97.1	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
≥ 1500	95.8	97.5	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1200	95.9	97.5	98.2	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	95.9	97.6	98.3	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	95.9	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	96.0	97.7	98.4	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	96.0	97.7	98.5	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 600	96.0	97.8	98.5	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	96.1	97.8	98.6	99.1	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	96.1	97.8	98.6	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	96.1	97.8	98.6	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	96.1	97.8	98.6	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	96.1	97.8	98.6	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	96.1	97.8	98.6	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 87467

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATION THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

SKY COVER

722026
STATION

HOMESTEAD AFB FL
STATION NAME

75-84
PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	25.9			44.4						19.3	10.5	4.1	927
	03-05	26.2			39.7						27.6	13.5	4.4	921
	06-08	13.6			45.5						27.7	13.2	5.2	920
	09-11	8.6			45.7						34.0	11.6	5.6	929
	12-14	5.3			45.2						36.0	13.5	6.0	930
	15-17	3.1			48.3						36.2	12.4	5.9	930
	18-20	14.1			45.7						28.4	11.8	5.1	930
	21-23	24.3			46.0						20.4	9.2	4.1	930
TOTALS		15.1			45.1						27.8	12.0	5.1	7417

USAFETAC

FORM
AFL 64

8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

FEB
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEA	30-02	25.3			38.6						21.3	14.3	4.5	889
	03-05	23.3			40.2						21.1	15.4	4.6	895
	06-08	11.0			49.8						22.8	16.4	5.2	882
	09-11	7.4			44.9						33.1	18.6	5.8	889
	12-14	9.9			47.6						34.4	13.1	5.8	889
	15-17	4.2			50.8						30.0	15.0	5.7	889
	18-20	12.5			48.2						28.0	15.3	5.1	889
	21-23	26.1			39.5						20.8	13.5	4.4	889
TOTALS		18.8			45.0						25.9	14.7	5.1	4788

SKY COVER

75-84

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	27.2			46.1						17.0	9.7	3.9	926
	03-05	24.5			48.7						16.7	10.1	4.0	920
	06-08	6.9			59.6						23.2	10.3	4.9	925
	09-11	5.9			55.5						27.0	11.5	5.2	929
	12-14	3.7			55.3						29.7	11.4	5.5	930
	15-17	3.5			55.6						30.0	10.9	5.5	930
	18-20	12.1			53.2						24.9	9.8	4.8	927
	21-23	30.5			45.1						15.6	8.9	3.6	926

SKY COVER

74-83

APR
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	24.1			51.9						17.8	6.1	3.8	899
	03-05	21.5			56.7						16.6	5.9	3.8	898
	06-08	5.4			63.3						22.1	9.2	8.8	894
	09-11	3.4			63.1						22.9	10.6	5.0	899
	12-14	2.3			59.7						28.2	9.8	5.3	900
	15-17	3.3			56.7						28.3	11.7	5.4	900
	18-20	8.0			54.0						27.4	10.6	5.1	900
	21-23	22.4			51.7						19.0	6.9	3.9	900
TOTALS		11.1			57.1						22.8	8.9	4.6	7100

SKY COVER

222726
STATION

HOMESTEAD AFB FL

74-83

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	10-02	19.5			54.1						20.8	10.5	8.5	928
	13-05	11.8			59.8						18.8	9.7	8.5	927
	16-08	2.5			54.0						30.3	13.2	5.7	926
	19-11	1.1			54.3						33.7	10.9	5.8	928
	12-14	.4			49.8						38.6	11.2	6.1	930
	15-17	1.3			41.3						43.7	13.8	6.5	930
	18-20	2.5			44.9						36.9	15.7	6.2	930
	21-23	10.2			54.3						24.6	10.9	4.9	930
TOTALS		5.5			51.6						30.9	12.0	6.5	7430

SKY COVER

74-83

PERIOD

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	8.9			59.3						20.4	11.3	4.8	900
	03-05	6.9			59.9						21.4	11.8	4.9	900
	06-08	1.8			55.0						32.8	10.4	5.6	900
	09-11	.3			49.8						37.0	12.9	6.1	900
	12-14				42.6						48.9	12.6	6.6	900
	15-17	.6			33.0						52.2	14.2	7.1	900
	18-20	1.1			32.0						51.3	15.7	7.1	900
	21-23	4.9			53.3						28.8	13.1	5.5	900
TOTALS		3.0			48.1						36.1	12.8	6.0	7200

SKY COVER

74-83

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	10-22	7.2			62.8						28.6	5.8	8.6	930
	03-05	5.6			55.4						25.4	3.7	4.6	930
	26-08	.6			50.4						41.7	7.2	6.7	930
	12-11				44.3						44.9	10.8	6.4	930
	14-14				38.6						47.3	14.1	6.8	930
	15-17				36.2						50.0	13.8	7.7	930
	18-20	.1			36.7						50.3	12.9	6.9	930
	21-23	4.3			55.9						30.6	9.1	5.3	930
TOTALS		2.2			44.8						39.4	9.6	6.7	7440

SKY COVER

242

HOMESTEAD AFB FL

74-83

AUG

STATION NAME

ALLS
MONTH

MONTH	HOURS IST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01-02	5.4			66.1						21.0	7.5	4.6	930
	03-05	5.1			69.0						18.6	7.3	4.5	930
	06-08				54.7						37.3	8.0	5.8	930
	09-11				46.0						46.1	7.8	6.3	930
	12-14				38.8						51.6	9.6	6.8	930
	15-17				32.5						57.8	9.7	7.1	930
	18-20	1.1			37.1						50.2	12.6	6.9	930
	21-23	2.7			54.9						32.0	10.3	5.6	930
TOTALS		1.7			49.9						38.3	9.1	6.0	7800

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

74-83

SEP
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	2.9			54.9						29.6	13.6	5.6	900
	03-05	4.7			60.6					24.8	9.9	5.7	899	
	06-08	.4			51.9					39.9	8.8	6.7	900	
	09-11	.2			49.7					45.0	10.1	6.4	900	
	12-14				36.6					52.2	11.2	6.9	900	
	15-17				32.3					57.4	12.2	7.3	900	
	18-20	.6			32.7					48.6	18.9	7.2	900	
	21-23	1.3			48.3					34.9	15.4	6.1	900	
TOTALS	1.2			44.7						41.6	12.5	6.3	7199	

CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SKY COVER

122-26 STATION HOMESTEAD AFB FL 74-83 PERIOD OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01-02	13.5			54.8						22.6	9.0	4.6	930
	03-05	15.3			53.2						21.7	9.8	4.5	929
	06-08	1.8			58.1						31.4	8.7	5.8	930
	09-11	2.4			53.2						38.4	10.0	5.7	930
	12-14	1.1			51.7						36.1	11.1	5.9	930
	15-17	1.2			47.6						39.8	11.4	6.1	930
	18-20	5.1			48.8						38.2	11.9	5.7	930
	21-23	9.2			54.6						27.7	8.4	5.0	930
TOTALS		6.2			52.8						31.0	10.0	5.4	7439

SKY COVER

70-83

NOV
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	20.3			46.8						21.1	11.8	4.8	89
	03-05	22.5			48.3						18.8	10.5	4.2	895
	06-08	4.7			53.9						30.5	10.9	5.5	896
	09-11	3.6			49.6						36.8	10.4	5.8	900
	12-14	3.2			48.8						35.7	12.6	5.9	900
	15-17	2.2			49.7						33.6	14.6	6.0	900
	18-20	8.2			48.4						28.6	15.0	5.5	900
	21-23	16.9			46.0						22.3	14.9	4.9	900
TOTALS		10.2			48.9						28.8	12.5	5.3	7183

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

122526
STATION

HOMESTEAD AFB FL
STATION NAME

74-83
PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	20.2			48.8						19.3	11.8	4.4	927
	03-05	23.8			44.9						22.3	12.0	4.6	927
	06-08	8.5			48.2						33.2	10.1	5.4	929
	09-11	3.9			53.3						34.5	8.3	5.5	930
	12-14	3.2			52.8						33.9	10.1	5.6	930
	15-17	3.2			47.5						34.4	10.9	6.0	930
	18-20	9.7			47.6						29.6	13.1	5.4	930
	21-23	19.5			47.8						20.5	12.2	4.5	930
TOTALS		11.1			48.9						24.0	11.1	5.2	7433

USAFETAC

FORM
AN 44 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

022026 STATION HOMESTEAD AFB FL 78-84 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	15.1			45.1						27.8	12.0	5.1	7417
FEB		14.4			45.7						25.9	14.7	5.1	6781
MAR		14.3			52.4						23.0	10.3	4.7	7413
APR		11.3			57.1						22.8	8.9	4.6	7190
MAY		5.5			51.6						30.9	12.0	5.5	7430
JUN		3.0			48.1						36.1	12.8	6.0	7200
JUL		2.2			48.8						39.4	9.6	6.0	7440
AUG		1.7			49.9						39.3	9.1	6.0	7440
SEP		1.2			49.7						41.6	12.5	6.3	7199
OCT		6.2			52.8						31.0	10.0	5.8	7439
NOV		10.2			48.9						28.4	12.5	5.3	7187
DEC		11.1			48.9						29.0	11.1	5.2	7433
TOTALS		8.2			49.8						31.3	11.3	5.8	87569

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

STATION NAME

DAILY TEMPERATURES

YEAR

(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL
95	.	.	.1	1.5	2.1	10.6	16.9	23.2	12.4	1.2	.	.	.1
90	.	1.9	6.5	17.1	37.8	72.3	93.7	95.5	86.0	41.4	4.6	.6	5.8
85	19.0	26.5	40.6	63.0	91.1	98.4	99.8	99.9	99.4	90.1	54.6	26.0	38.6
80	56.8	61.0	77.8	96.1	99.9	100.0	100.0	100.0	100.0	98.9	87.8	65.7	67.7
75	83.8	82.7	94.4	100.0	100.0	.	.	.	.	99.9	96.3	86.2	87.1
70	92.2	94.7	99.0	.	.	.	.	.	.	100.0	99.1	95.4	95.0
65	97.6	98.0	99.8	.	.	.	.	.	.	.	99.9	98.8	98.4
60	99.2	99.9	100.0	.	.	.	.	.	.	.	100.0	99.6	99.5
55	100.0	100.0	.	.	.	.	.	.	.	.	.	100.0	99.9
50	.	.	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	74.2	75.2	77.9	81.0	83.4	86.0	87.6	88.0	86.8	83.6	79.1	75.6	81.5
S D	6.016	5.974	4.903	3.733	2.981	2.782	2.186	2.147	2.448	3.195	4.244	5.499	6.351
TOTAL OBS	899	848	930	870	899	887	930	930	900	899	870	899	10761

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION

STATION NAME

YEARS

MINIMUM

MINIMUM

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
122726 HOMESTEAD AFB F
STATION STATION

43-44, 56-84 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72-24 HOPKESHEAD AFB FL

43-44, 56-84

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
43		8	3	9	9	91	92	92	94	89	85	83	
44		4	8	9	8	98	94	92	94				
50							91	95	91	88	85	84	
51	84	84	86	88	87	93	91	91	92	88	87	8	93
52	75	87	86	89	88	93	91	94	93	92	88	83	94
53	84	86	88	91	89	91	91	92	89	89	86	82	92
54	84	85	96	87	88	90	91	91	91	89	86	81	91
55	81	84	87	90	91	92	90	92	91	89	85	86	92
56	82	85	87	87	87	91	91	91	91	88	82	79	91
57	81	81	87	89	86	90	93	90	90	85	83	83	93
58	82	84	87	85	88	89	90	91	91	88	83	82	91
59	83	83	88	88	91	89	89	89	91	89	83	82	91
60	81	81	83	86	88	89	92	92	92	87	83	81	92
61	83	82	86	88	90	88	89	89	93	86	85	84	93
62	82	82	87	87	87	90	89	93	93	88	83	84	93
63	74	83	83	90	87	92	93	90	90	89	86	82	93
64	83	81	85	87	86	92	90	95	90	90	86	84	95
65	84	85	86	92	91	89	89	89	89	87	85	82	92
66	83	83	86	87	89	92	88	89	9	89	87	83	92
67	84	83	83	87	91	88	89	89	92	87	86	81	97
68	81	84	87	85	91	88	91	88	89	85	82	81	91
69	81	85	86	90	87	90	90	90	92	89	84	82	92
70	81	80	85	86	89	87	94	91	89	88	86	84	94
71	83	84	87	86	89	91	84	91	91	92	84	85	92
72	83	82	83	89	90	90	90	89	91	87	85	83	91
73	82	82	83	88	88	88	90	89	84	87	85	81	90
74	84	83	87	91	94	92	96	94	92	91	86	82	96
75	74	85	92	86	92	91	94	92	91	88	84	84	94
76	83	84	86	88	89	90	91	92	90	88	83	83	92
77	83	82	81	83	9	90	93	94	92	90	85	86	94
MEAN													
SD													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION: HOMESTEAD AFB FL STATION NAME: 43-44, 56-84 YEARS: 43-44, 56-84

WIND DIRECTION IN DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43			37	42	54	57	70	70	71	53	53	40	
44		42	5	48	46	63	70	71	71	7			
5							70	72	71	7	45	43	
55		40	41	47	64	62	69	73	72	73	53	57	36
56		40	38	45	58	59	72	72	72	71	57	61	38
57		41	50	46	55	63	70	71	70	74	63	43	41
58		37	43	45	55	54	69	72	71	72	70	58	36
59		37	48	48	50	63	68	74	73	71	55	54	39
60		40	50	41	55	61	69	72	73	72	63	46	36
61		42	49	53	3	59	69	74	72	72	61	46	42
62		42	44	52	54	63	70	73	73	73	60	61	34
63		40	42	48	60	65	67	7	72	72	62	57	36
64		37	41	43	57	66	71	73	72	72	44	48	35
65		44	39	56	63	65	69	73	72	72	66	59	39
66		40	42	49	57	66	71	73	74	75	57	47	37
67		53	46	48	67	69	73	70	72	72	70	44	44
68		37	43	45	63	62	70	74	74	74	67	40	35
69		36	42	45	45	62	69	73	72	73	68	59	36
70		54	43	48	57	67	72	70	72	72	67	54	43
71		42	41	52	52	63	67	68	68	71	59	56	40
72		3	42	53	51	61	70	70	73	72	66	53	42
73		41	53	50	53	66	70	70	73	73	63	47	43
74		41	47	47	60	68	72	73	72	71	60	55	41
75		24	45	54	59	64	71	73	74	74	60	53	28
76		44	40	49	59	63	70	74	74	72	67	59	40
77		44	41	49	64	64	71	72	73	72	64	52	41
78		44	42	50	59	63	72	72	71	64	59	51	39
79		34	44	49	61	63	72	72	72	70	67	53	34
80		37	53	56	62	66	69	72	70	71	61	58	37
81		44	49	45	53	60	71	74	75	72	70	51	35
MEAN													
S D													
TOTAL OBS													

NOTES: * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-3 (OEA) 8 (AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A147 203

HOMESTEAD AFB FLORIDA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVAT.. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84
USAF/TAC/DS 84/032 SBI-AD-E850 747

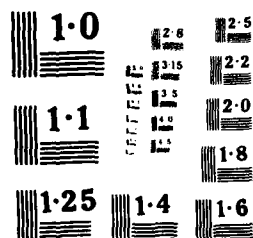
5/5

UNCLASSIFIED

F/G 4/2

HL

END



(FROM DAILY OBSERVATIONS)

43-44, 56-84

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

222026 HEMSTEAD AFB FL
STATION STATION NAME

75-84

YEARS

JAN

PAGE 1 0300-0500
MAY 10 1984

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70 / 77																		2	2						
76 / 75																		10	10						
74 / 71																		44	44	4	3				
72 / 71																		78	78	8	1				
7 / 69																		79	99	56	11				
60 / 67																		88	88	98	63				
66 / 65																		64	64	103	98				
64 / 61																		69	69	73	95				
62 / 61																		59	59	77	73				
50 / 59																		88	88	71	73				
50 / 57																		54	54	46	52				
50 / 55																		63	63	38	56				
44 / 53																		64	64	54	36				
52 / 51																		58	58	52	47				
5 / 41																		34	34	56	53				
4 / 37																		40	40	47	37				
4 / 35																		27	27	45	40				
44 / 43																		12	12	28	40				
42 / 41																		12	12	32	36				
40 / 34																		6	6	15	18				
3 / 37																		1	1	14	22				
3 / 35																		3	3	3	18				
3 / 33																		2	2	2	17				
26 / 31																		1	1	8	20				
2 / 24																					5				
2 / 27																					8				
16 / 25																					4				
22 / 21																					8				
20 / 19																					2				
TOTAL	1	10	10	5	19	1	9	9	8	1								930	930		930				

FORM 0-26-5 (OL A) REVERSE SURFACE OF THE FORM AND CIRCLES
LSAFETAC JAN 84

GLOBAL CLIMATOLOGY BRANCH
LAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122026 HOMESTEAD AFB FL
STATION STATION NAME

75-84

Y2480



PAGE 1 ~~7670-080C~~
HOURS (L. E. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26 HOMESTEAD AFB FL
STATION STATION NAME

75-84

YEAR

JAP
MONTANA

PAGE : 5000-1100
10128 (1-8-7)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
5 / 40					.1													1							
5 / 75		.2		1.	1.4													27	27						
7 / 77		.1	.5	3.2	1.2	1.3	.1											79	79	2					
75 / 75		.3	1.5	4.5	1.4	1.6	.1											112	112	3					
74 / 75		.4	1.4	1.7	2.3	.5	.1											85	85	36					
7 / 71	.1	1.1	2.5	2.2	2.3	.5	.3											89	89	77					
7 / 69	.1	1.1	2.2	1.4	1.6	.7	.1	.1										69	69	98					
6 / 67		.4	1.7	2.0	.6	.5	.1		.1									55	55	116					
66 / 65		1.2	1.7	2.5	1.8	.8	.1											71	71	81					
64 / 63		.3	1.4	1.1	1.7	.4		.1										40	40	67					
62 / 61	.1	.4	1.1	1.5	1.1	.5	.5	.1										53	53	54					
6 / 59		.9	1.2	1.9	.6	.5	.4	.2										54	54	60					
5 / 57		.3	1.2	.8	.5	.4	.7	.2										36	36	56					
55 / 55		.3	.5	2.0	1.0	.3	.1	.2										43	43	40					
54 / 53		.6	.7	1.1	1.0	.4	.1	.1										38	38	44					
52 / 51		.1	1.1	1.1	.9	.1												25	25	39					
5 / 49		.1	.3	.3	.2	.4												19	19	38					
47 / 47			.5	.5	.2	.2												14	14	39					
46 / 45			.1	.3	.2													6	6	28					
44 / 43		.1		.4														5	5	16					
42 / 41					.2													3	3	19					
41 / 40		.1	.2	.1														4	4	7					
39 / 37			.1															1	1	8					
3 / 35		.1																1	1	6					
34 / 33																				2					
32 / 31																				18					
3 / 29																				12					
28 / 27																				5					
2 / 25																				8					
21 / 23																				9					
22 / 21																				2					
TOTAL	.1	8.6	21.3	1.6	21.8	10.5	2.5	1.1	.1									930		930					

Element (X)	$\Sigma x'$	Σx	Σ	Σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	418968	64838	68.5	9.116	930			51.7	30.4	1.2		93
Wet Bulb	35007.1	56395	60.6	9.338	930			32.6	4.1			93
Dew Point	3286516	52230	56.2	11.517	930		4.5	18.9	.9			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEAT-SR SERVICE/MAC

PSYCHROMETRIC SUMMARY

722726 HUNESTAD AFB FL 75-84 JAN
STATION MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
64 / 57					.1	.2	.3												6	6					
70 / 61					.1	.2	.3												30	30					
77 / 73			.1	1.6	2.8	1.9	.1												61	61					
77 / 77		.1	.3	3.2	5.5	3.8	1.1	.2											169	169					
76 / 75			.2	4.4	5.4	4.2	1.3												144	144	3	1			
74 / 73			.4	1.6	1.5	3.7	2.0	1.0											92	92	60	1			
77 / 71		.5	.7	.6	2.3	2.4	1.6	.2											76	76	89	25			
77 / 69		.2	.5	1.4	1.8	2.4	1.3	.6	.1	.2									80	80	144	67			
67 / 67		.4	.6	.4	1.1	2.6	.4	.5	.1	.2									72	72	103	97			
66 / 65		.1	.4	.3	1.3	.7	.9	.1	.6										43	43	76	98			
64 / 63			.1	.3	.9	1.3	.8	1.0	.8	.2									49	49	88	87			
62 / 61		.3		.3	.6	.3	.8	.9	.1	.2									31	31	71	67			
57 / 59		.1	.1	.3	.2	1.0	.6	.6	.4										32	32	57	64			
57 / 57				.1	.4	.3	.3	.3	.1										15	15	55	60			
57 / 55					.3	.4	.2												10	10	29	48			
54 / 53			.3	.1	.1	.1	.4												10	10	29	37			
52 / 51					.1	.1	.3												5	5	21	60			
52 / 49					.2														2	2	44	34			
46 / 47																					72	34			
46 / 45																					16	12			
44 / 43					.1	.1													2	2	11	10			
42 / 41				.4															1	1	7	23			
47 / 39																					2	16			
37 / 37																						7			
37 / 35																					3	12			
34 / 33																						18			
32 / 31																						19			
32 / 29																						6			
27 / 27																						8			
27 / 25																						3			
24 / 23																						4			
22 / 21																						11			
27 / 19																						1			
Element (X)	Σ H'			Σ H			Σ	°	No. Obs.			Mean No. of Hours with Temperature							Total						
Rel. Hum.												≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) REPRODUCED BY THE AIR FORCE
USAFETAC

PSYCHROMETRIC SUMMARY

YEAR

MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 FORT STANLEY AFB FL
STATION STATION NAME

75-89
YEARS

YEAR

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point							
72 / 26						.1	.4											5	5								
71 / 21					.5	1.2	.4	.1										23	23								
70 / 19				1.4	2.3	1.1	.3											47	47								
7 / 77			.7	3.1	5.4	1.6	1.1	.3										109	109								
76 / 75			.5	5.7	7.3	2.5	.4											149	149								
4 / 7		.1	.3	3.2	3.7	2.5	1.4	.9										110	110			43					
7 / 7		.2	1.1	1.7	4.2	3.1	2.3	.3										119	119			77	14				
7 / 69		.7	1.4	1.1	2.7	3.9	1.1	.5	.4	.2	.2							124	124			138	54				
6 / 61		.3	1.2	1.1	2.2	1.7	1.7	1.2	.6	.5	.1	.1						95	95			113	90				
16 / 55		.3	.4	.4	.6	1.7	.5	1.2	1.2	.1								56	56			98	107				
14 / 81		.7	.1	.1	.4	.1	.5	.8	.5	.4	.2							36	36			77	91				
7 / 61		.2	.1	.4	.4	.2	.2	.4		.2								16	16			25	88				
5 / 59					.3	.7	1.6	1.7										72	32			79	61				
5 / 57					.1	.4	.1	.1	.2									16	10			39	56				
5 / 55			.1		.1	.2												4	4			25	60				
14 / 54			.2		.2	.3												7	7			27	55				
22 / 51							.1											2	3			34	35				
5 / 4																						26	33				
4 / 47																						33	32				
4 / 45							.2											2	2			17	9				
14 / 43					.1													1	1			7	18				
22 / 41																						5					
4 / 3																						2	16				
3 / 37																						1	18				
31 / 35																						3	19				
31 / 33																							15				
31 / 31																							19				
3 / 29																							6				
24 / 27																							6				
20 / 25																							1				
24 / 23																							5				
22 / 21																							6				
2 / 19																							8				
18 / 17																							2				
Element (X)	Σ H'		Σ H		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-5 (OL A) REVIS 10/68 USAFETAC

2

2

75-89

YEARS

100

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 1 T T L		1.0	5.2	18.6	37.1	119.9	12.4	6.7	2.0	1.8		.1						93C	93C		93C			

0-26-5 (OLA)
STANDARD SERVICE REQUEST OF THE POLICE AND OFFICERS

USAFETAC

2

2.

YEARS

1

USAFETAC 0-26-5 (OLA) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-84

YEARS

PAGE 1

C-2350

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.S./W.B.	D ₁	Per Bulb	Dew Point				
7 / 77																		2							
7 / 75																		16							
7 / 73																		2		3	1				
7 / 71																		114	114	22	12				
7 / 69																		119	119	55	25				
7 / 67																		122	122	64					
6 / 65																		68	89	109	100				
6 / 63																		63	63	101	102				
6 / 61																		62	52	72	95				
6 / 59																		62	69	68	53				
6 / 57																		73	73	69	69				
5 / 55																		43	43	50	58				
5 / 53																		40	40	53	68				
5 / 51																		42	32	43	45				
5 / 49																		20	20	40	33				
5 / 47																		10	10	33	28				
4 / 45																		7	7	41	28				
4 / 43																		3	3	17	28				
4 / 41																		2	2	13	22				
4 / 39																				6	26				
3 / 37																		2	2	4	16				
3 / 35																		1	1	1	20				
3 / 33																				3	18				
2 / 31																					4				
2 / 29																					5				
2 / 27																					1				
2 / 25																					1				
2 / 23																					1				
2 / 21																					1				
TOTAL	1	13	0	1	2	9	7	1	6	3	9							930		930	930				

Element (X)	Z ₁	Z ₂	X	° ₂	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	5953 65	75395	75.6	11.928	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	384997	59381	63.9	7.299	930			42.5	7.0			93
Wet Bulb	3340120	55222	59.9	8.331	930			20.7	.3			93
Dew Point	2993594	51890	55.8	10.266	930		2.1	10.0	.1			93

PSYCHROMETRIC SUMMARY

75-84

YEARS

WATER

PAGE 1

ALL
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
1 / 1																		1	1																	
1 / 1																		1	1																	
1 / 7																		134	134																	
7 / 77																		377	377																	
1 / 7																		525	525	7	6															
1 / 7																		537	537	164	16															
1 / 7																		770	770	334	37															
1 / 59																		809	809	660	34															
1 / 57																		701	701	507	597															
1 / 55																		581	581	800	785															
1 / 5																		469	469	638	729															
1 / 5																		360	360	573	643															
1 / 5																		377	377	568	509															
1 / 57																		337	337	441	455															
1 / 55																		314	314	327	470															
1 / 5																		293	293	328	376															
1 / 51																		242	242	334	369															
1 / 1																		158	158	335	330															
1 / 47																		135	135	206	254															
1 / 45																		94	94	257	215															
1 / 47																		54	54	166	214															
1 / 41																		31	31	125	189															
1 / 7																		20	20	67	179															
1 / 77																		15	15	43	135															
1 / 35																		5	5	35	146															
1 / 73																		6	6	14	118															
1 / 31																		1	1	15	109															
1 / 29																		1	1	1	55															
1 / 27																		1	1	1	43															
1 / 25																					32															
2 / 21																					25															
2 / 21																					30															
1 / 1																					14															
1 / 17																					2															
Element (X)	Σ X ²					Σ X	Σ	Σ _N	No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					Total															
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

ALCOHOL - 100%
TAC - 100%
100% - 100%

[illegible]

Element (X)	Σx^2	Σx	Σ	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\geq 93^\circ F$	
Rel Hum	461237.7	7356.21	72.14.4		7438							
Dry Bulb	373532.7	466.91	65.28.950		7439			3.2	14.3	12.7		744
Wet Bulb	1723767.4	44523.2	59.68.84		7438		1.7	27.5	17.3			744
Dew Point	21615.7	4133.2	55.11.343		7438		11.1	1.1	2.2			744

USAFETAC
NORMA
0 26 5 (O.L.A.)
REVISE PREVIOUS EDITIONS OF THIS NORM AND CHANGE

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE : 2000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0 26-5 (OL A) REVID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

75-24

YEARS

FREE
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
1 / 71																		13	13											
2 / 73																		54	54											
3 / 7																		85	85	30	6									
4 / 65																		51	87	73	54									
5 / 67																		102	102	73	69									
6 / 65																		52	87	103	73									
7 / 67																		79	79	83	64									
8 / 61																		52	52	74	100									
9 / 59																		50	57	66	56									
10 / 57																		49	49	62	66									
11 / 55																		58	58	51	54									
12 / 53																		45	42	41	54									
13 / 51																		42	42	50	37									
14 / 49																		14	14	35	57									
15 / 47																		16	16	37	29									
16 / 45																		17	17	24	15									
17 / 43																		4	4	9	21									
18 / 41																		3	3	14	25									
19 / 39																				19	18									
20 / 37																					1									
21 / 35																														
22 / 33																														
23 / 31																														
24 / 29																														
25 / 27																														
TOTAL	1	3	6	1	2	5	7	2	2									349	849	849	849									

Element (X)	2x'	2x	X	°x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	54.0879	68387	80.610833		849	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	34.26-3	53353	62.8	7.668	849			33.0	6.6			84
Wet Bulb	3.87667	51399	39.4	8.115	849			17.4				44
Dew Point	28.0604	48116	56.7	9.572	849		1.1	12.8				8

2.

75-119

YEARS

FREE
MONTH

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
60 / 81					.1													1	1					
61 / 81					.2													2	2					
62 / 79				1.6	1.6	1.1	.1											40	45					
71 / 77		.1	1.4	2.2	3.4	1.2	.1	.1										73	73	1				
76 / 75		.6	2.2	5.5	5.1	1.5	.2	.4										132	132	3				
76 / 71		.6	1.2	4.4	2.5	1.2	.4	.2										3	93	85				
71 / 71		.6	3.1	2.1	2.7	1.4	.7	.4										92	92	93				
71 / 69		.8	1.2	1.2	2.4	1.4	.5	.1		.1								82	82	97				
61 / 67	.1	.5	1.5	1.3	2.4	1.4	.4	.2										67	67	120				
66 / 65		.6	.7	1.2	.8	.2	.5	.1										37	37	78				
61 / 63		.7	.6	1.8	.8	.7	.5	.1										44	44	67				
62 / 61		.9	1.2	1.5	1.2	.5	.2											47	47	68				
61 / 59		.1	.7	1.2	.7	.4	.4	.4										33	33	63				
51 / 57		.4	.7	.8	1.4	.5		.1										33	33	50				
51 / 55		.5	.7	.5	.5	.4	.1											24	24	35				
54 / 53		.1	.2	.4	.4		.1											10	10	38				
42 / 51		.2	.5	.2	.5	.4	.2											17	17	29				
51 / 49		.1		.4	.5	.1												9	9	28				
41 / 47					.4													3	3	17				
41 / 45																		2	2	11				
44 / 43			.1															1	1	9				
42 / 41																				9				
41 / 40																				6				
31 / 37																				8				
31 / 35																				12				
31 / 33																				7				
32 / 31																				7				
31 / 29																				8				
21 / 27																				5				
24 / 23																				2				
TOTAL	.1	6.9	18.6	26.4	27.8	13.5	4.4	2.1		.1								889	849	849				
																		889	889					

Element (X)	Σ ₁	Σ ₂	Σ	σ _n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 32 F	32 F	47 F	73 F	80 F	93 F	Total
Rel. Hum.	61989.4	58730	69.7	12.651	849							
Dry Bulb	416683	58691	69.1	7.632	849			58.3	34.4	2.1		84
Wet Bulb	3397291	53287	62.8	7.888	849			34.5	8.8			84
Dew Point	2965851	44461	58.3	9.978	849		1.8	18.8	.8			84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

722-26 HONESTEAD AFB FL

75-88

FEB

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
101/81					.4	.7	.4	.2	.2									12	12						
101/81					.2	.8	1.5	.7	.5	.2								37	37						
101/79				1.1	3.4	2.7	.9	.1	.4									67	67						
70/77			.5	2.8	6.1	3.1	1.5	1.1	.2	.1	.2	.2						139	139						
76/75		.1	.5	3.5	5.8	3.7	.9	.6	.4		.5	.1						137	137	6					
74/71		.4	.7	2.7	4.6	3.4	1.4	.2		.1	.1							111	111	50	3				
70/71		.1	.5	1.6	3.5	3.3	1.5	.7		.2								102	102	95	72				
71/69		.4	.1	.5	2.4	2.6	1.4	.5	.2	.2								76	76	120	51				
64/67		.2	.2	.2	.6	1.0	2.1	.7	.2	.1								61	61	114	87				
56/65	.1	.9	.2	.5	.2	.8	1.1	.2	.5									39	32	104	92				
44/63		.5	.6	.5	.6	.2	.5	.9	.1									33	33	84	88				
37/61		.6		.1	.2	.4	.1	.1	.2									15	15	92	97				
41/59			.4		.2		.1	.1	.2									9	9	43	68				
37/57		.4					.2	.5	.1									10	10	44	58				
51/55																		1	1	45	61				
74/51																				15	48				
72/51																				16	36				
51/47																				12	23				
41/47																				4	21				
41/45																				4	16				
44/42																				3	18				
42/41																					11				
41/37																					6				
37/37																					10				
37/35																					7				
37/33																					3				
37/31																					4				
31/29																					2				
27/25																									
24/23																									
TOTAL	.4	3.5	5.4	13.8	20.3	23.4	13.3	6.9	3.1	.8	.8	.4						849	849		849				
																						849		849	
Element (X)	Σ H ¹		Σ H		Σ T		Σ P		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	3074956		52886		41.818		889		10 P		32 P		67 P		75 P		80 P		93 P		Total				
Dry Bulb	4862767		62770		73.1		849						73.9		99.8		7.2				89				
Wet Bulb	3568596		54775		69.5		849						17.1		5.5						88				
Dew Point	2988200		59742		58.6		849				1.6		16.1		.3						88				

PSYCHROMETRIC SUMMARY

122-26
STATION

WHESTEAD AFB FL
STATION NAME

75-84

YEARS

FEB
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 26 HOMESTEAD AFB FL 75-84 YEARS FEB MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
56 / 80																		7	2							
54 / 87																		12	32							
57 / 81																		86	86							
57 / 79																		215	215							
77 / 77																		392	392	1						
76 / 75																		532	532	17	1					
74 / 73																		657	657	166	13					
72 / 71																		810	810	437	133					
71 / 69																		755	755	759	386					
67 / 67																		654	654	796	681					
66 / 65																		510	510	798	670					
64 / 63																		462	462	694	639					
62 / 61																		365	365	620	738					
57 / 59																		312	312	501	997					
57 / 57																		266	266	431	504					
57 / 55																		246	246	384	427					
54 / 53																		160	160	303	423					
52 / 51																		138	138	233	338					
51 / 49																		86	86	191	306					
47 / 47																		42	42	162	179					
47 / 45																		44	45	105	142					
44 / 43																		16	16	68	165					
42 / 41																		8	8	69	124					
41 / 39																		1	1	43	76					
37 / 37																				12	65					
37 / 35																				1	79					
34 / 33																					64					
33 / 31																					57					
29 / 29																					29					
27 / 27																					17					
25 / 25																					9					
24 / 23																					3					
21 / 19																					1					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

FORM 0-26-5 (OL A) REVISED FEBRUARY 1965
USAFETAC

PSYCHROMETRIC SUMMARY

722 26 HOMESTEAD AFB FL
STATION STATION NAME

75-84

YI488

FF

PAGE 2

HOURS (L. S. T.)

[illegible]

2

YEARS

75-84

PAGE 1

0-20.5 (0.1 A)
SERVED INSTRUCTIONS REMAINS OF THE FORM ARE COMPLETE

USAPETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722 24 HONFSTEAD AFB FL
STATION STATION NAME

75-84

YEAR

MAE
MONTH

PAGE : 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

172 24
STATION

MCMESTEAD AFB FL

75-84

MAG

PAGE 1

2620-C800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
7 / 77					.1													2	2																
74 / 77				.3	.4													10	10																
74 / 77		.3	3.3	2.2	1.1	.4												68	63	1															
74 / 77		1.6	4.7	4.7	1.	.5												118	119	13															
74 / 77		2.6	7.2	2.5	3.	.9	.1											150	150	70															
74 / 69	.3	3.	4.1	2.7	2.8	.5												125	125	107															
6 / 67	.4	1.2	3.2	2.2	1.2	.7	.1											99	99	138															
66 / 65		4.1	1.3	1.4	.3	.1	.1											79	74	111															
64 / 61	.1	2.8	2.5	1.1		.1												61	61	114															
61 / 57		2.	1.1	1.1	.2	.2												41	41	102															
61 / 59	.2	2.4	1.	.1	.2													43	43	61															
61 / 57		.4	1.3	1.2	.3													35	35	47															
5 / 55		.9	1.4	.4	.3													52	32	21															
57 / 51	.1	1.	1.7	.1	.2													28	25	43															
57 / 51		.1	.5	1.2	.1													19	19	28															
57 / 47		.5	.4	.4	.1													14	14	24															
47 / 47			.7															3	3	20															
47 / 47		.1	.2															5	5	14															
47 / 45																				8															
47 / 41																		1	1	3															
4 / 37																		2	2	13															
37 / 37																				3															
37 / 37																				1															
37 / 33																				1															
37 / 33																				1															
37 / 25																				2															
TOTAL	1.22	.235	.623	.711	.1	3.	.3											930	93	930															

Element (X)	Σx ²	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5243388	717.2	79.2	10.56	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	41869.9	62053	66.7	7.275	930			57.2	19.8	.1		93
Wet Bulb	3699227	58285	62.7	7.066	930			32.9	1.9			93
Dew Point	3408155	55760	60.0	8.160	930		.1	20.2	.3			93

PSYCHROMETRIC SUMMARY

YEARS

MONTANA

DATE: 12-11-60
HOURS: 11:30 P.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MA3
MONTH

PAGE 1 1275-1422
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

75-84

443

PAGE " 1224-1000
1948 (L. S. V.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

MCNESTEAD AFB FL

75-89

WAS

NAME _____

PAGE 1 1A30-2000
HOUSE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
ATN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26

HOMESTEAD AFB FL

75-14

MAR

PAGE ! 2100-2300
HOURS (L. B. T.)

[illegible]

PSYCHROMETRIC SUMMARY

TABLE

1998

PAGE 1

NOV 21 1965

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1 / 02																		5	5						
2 / 07																		4	4						
3 / 05																		52	52						
4 / 03																		109	109						
5 / 01																		258	258						
6 / 72																		476	476						
7 / 77																		644	644	2					
8 / 75																		893	893	81					
9 / 72																		1048	1048	430	33				
10 / 71																		1062	1062	838	307				
11 / 69																		829	829	1074	689				
12 / 67																		560	560	1101	917				
13 / 65																		386	386	920	1059				
14 / 63																		317	317	781	747				
15 / 61																		224	224	710	678				
16 / 59																		191	191	693	644				
17 / 57																		140	140	301	552				
18 / 55																		110	110	205	509				
19 / 53																		63	63	191	332				
20 / 51																		47	47	117	270				
21 / 49																		31	31	96	194				
22 / 47																		13	13	48	126				
23 / 45																		14	14	43	114				
24 / 43																		2	2	19	74				
25 / 41																		3	3	14	66				
26 / 39																		1	1	8	34				
27 / 37																				4	28				
28 / 35																				1	26				
29 / 33																				5	15				
30 / 31																					12				
31 / 29																					3				
32 / 27																					7				
33 / 25																					3				
34 / 23																					1				
Element (H)	S ₁	S ₂	S ₃	S ₄	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						0 F	30 F	60 F	70 F	80 F	90 F						Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

75-84

WMS

MAG
MENT

PAGE 2

Category	Hours (L.S.T.)
A	8.5
B	9.5
C	10.5

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
21																									
TOTAL		11.4	21.6	2.6	19.7	13.9	6.9	2.6	.6	.1	.5							74.34	74.34	74.34	74.34				
									</																

2

PSYCHROMETRIC SUMMARY

74-83

ADP

PAGE 1 ~~CONFIDENTIAL~~

USAFETAC
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
WASHINGTON, D.C. 20535
TELEPHONE (202) 512-2000
FAX (202) 512-2000
WWW.FBI/DOJ/USAFETAC

PSYCHROMETRIC SUMMARY

722-26	HOMESTEAD AFB FL
STATION	STATION NAME

74-83

YEAR	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722-26 MCMESTEAD AFH FL
STATION STATION NAME

74-83

2000

APR
MONTH

PAGE 1 ~~0600-0000~~

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 C900-1100
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

12-26
STATION

74-93

YEAR

APR
MONTH

PAGE 1 1276-1460
HOURS (C. S. T.)

USARTAC FORM 0-26-5 (OL A) REVERSE REVIEWS SPECIES OF THIS FORM ARE CIRCLED IN RED

PSYCHROMETRIC SUMMARY

722726	FORESTEAD AFB FL
STATION	STATION NAME

74-83

YEARS

APR
1957

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

77 71
STATION STATION NAME

7-2-2

YEARS



1007 18-2531
1008 11 8 11

[illegible]

END

DATE
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12-84

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